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USAFETAC/DS--91/237

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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

FT BELVOIR/DAVISON AAF VA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



JANUARY 1991

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FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
SCIENTIFIC AND TECHNICAL INFORMATION
PROGRAM MANAGER

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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAR 80 - FEB 90 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 57 - FEB 90 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	CBST	OBSTRUCTION
FRZG	FRIZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY	STATION NAME	ITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
724037	FORT BELVOIR/DAVISON AAF, VA	N 38 43	W 077 11	69	DAA	

STATION LOCATION AND INSTRUMENTATION HISTOPV									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Ft Belvoir/Davison AAF, VA	AAF	Feb 57	Feb 60	N 38 43	W 077 11	65	67	24
2	Same	Same	Mar 60	Feb 63	Same	Same	77	Same	24
3	Same	Same	Mar 63	May 66	Same	Same	79	Same	24
4	Same	Same	May 66	May 73	Same	Same	Same	88	24
5	Same	Same	Jun 73	Jan 89	Same	Same	69	67	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 57	125'S of rwy, 1400' fm SE end	AN/GMQ-1	ML-204A	28 ft	
2	Mar 59	416' N of ctr, 925' fm SE end	AN/GMQ-11	RO-2	29 ft	
3	Mar 60	Atop BaseOps building	AN/GMQ-1A	Same	20 ft	
4	Mar 62	1.600' NNW apch end rwy 31, 200' NE of ctrln 2. Same as loc.3 above (backup)	AN/GMQ-11	Same	15 ft	
5	Mar 68	225' fm ctr & 700' SE of rwy 32	AN/GMQ-11	Same	20 ft	
6	Jan 71	200' fm ctr & 575' SE of rwy 14	Same	Same	21 ft	
7	Dec 78	Same	AN/GMQ-20	RO-362	Same	
8	Jan 89	Same	Same	Same	22 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	FR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	AAAAAAA
PP	AAAAAAA	RR RR	TT	AAAAAAA
FP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		6.1	1.0	4.9		12.0	17.5	3.3	.1		33.0	930
03-05		7.0	1.0	4.7		12.7	19.7	3.5	.2		36.1	930
06-08		8.3	.8	4.5		13.5	22.6	6.3			42.5	930
09-11		6.9	1.0	5.8		13.7	18.5	11.8	.5		44.5	930
12-14		7.6	.3	4.5		12.5	11.7	8.7	.8		33.7	930
15-17		8.0	.5	4.4		12.9	11.9	6.6	.2		31.6	930
18-20		6.7	1.1	4.3		12.0	13.9	4.1	.2		30.2	930
21-23		5.8	1.1	4.1		11.0	15.3	3.4			29.7	930
ALL HOURS		7.0	.8	4.7		12.5	16.4	6.0	.3		35.2	7440

MONTH: FEB

00-02		10.9	.5	4.1		15.5	20.8	3.4	.1		39.8	846
03-05		11.7	.8	3.3		15.8	24.9	3.5			44.3	846
06-08		12.2	.7	3.3		16.2	31.6	8.6			56.4	846
09-11		12.1	.6	4.1		16.8	20.0	12.4	.4		49.5	846
12-14		11.3	.2	3.7		15.2	12.8	6.9	.4		35.2	846
15-17		10.8	.4	4.4		15.5	10.0	5.6	.4		31.4	846
18-20		9.1	.7	3.7		13.5	13.9	3.4	.4		31.2	844
21-23		10.6	.8	4.5		15.9	18.0	2.3	.1		36.3	843
ALL HOURS		11.1	.6	3.9		15.6	19.0	5.8	.2		40.5	6763

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	11.2	.2	1.4		12.8	16.5	1.0			30.2	930
03-05		10.5	.6	2.4		13.5	17.8	1.5			32.9	930
06-08	.2	12.7	.5	2.8		16.0	24.3	6.3			46.7	930
09-11		12.8	.4	2.2		15.4	14.9	6.0			36.3	930
12-14	.1	11.4	.2	.6		12.3	12.0	5.5			29.8	930
15-17	.4	12.7		1.0	.1	13.8	11.4	3.4			28.6	930
18-20	.9	12.5		1.7		14.2	12.4	1.9			28.5	930
21-23	.2	11.8	.1	.8		12.7	13.3	.9			26.9	930
ALL HOURS	.2	11.9	.3	1.6	.0	13.8	15.3	3.3			32.5	7440

MONTH: APR

00-02	.6	11.0		.1		11.1	15.1	2.9			29.1	900
03-05	.2	11.2		.6		11.8	23.2	2.9			37.9	900
06-08	.2	13.0		.7		13.7	25.3	7.7			46.7	900
09-11	.6	12.3		.4		12.8	12.7	6.4			31.9	900
12-14	.2	9.7		.1		9.8	10.1	5.1			25.0	900
15-17	.6	12.0				12.9	8.4	6.4			27.8	900
18-20	1.3	12.7				12.7	9.7	4.7			27.0	900
21-23	1.7	12.2				12.2	12.0	3.7			27.9	900
ALL HOURS	.7	11.9		.2		12.1	14.6	5.0			31.7	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.5	9.6				9.6	32.8	4.8			47.2	930
03-05	.2	11.1				11.1	48.2	4.8			64.1	930
06-08	.3	12.5				12.5	38.3	14.6			65.4	930
09-11	.5	11.1				11.1	16.7	16.0			43.8	930
12-14	1.4	9.4				9.4	10.3	14.9			34.6	930
15-17	2.8	12.5				12.5	10.2	14.1			36.8	930
18-20	3.7	12.7				12.7	13.2	14.3			40.2	930
21-23	2.0	12.3				12.3	22.6	7.3			42.2	930
ALL HOURS	1.4	11.4				11.4	24.0	11.4			46.8	7440

MONTH: JUN

00-02	.3	4.8				4.8	30.8	20.0			55.6	900
03-05	.4	6.4				6.4	41.3	18.8			66.6	900
06-08	.3	5.2				5.2	31.6	31.1			67.9	900
09-11	.1	3.7				3.7	6.7	32.1			42.4	900
12-14	1.6	5.6				5.6	3.4	30.4			39.4	900
15-17	4.8	7.9				7.9	5.0	27.1			40.0	900
18-20	4.2	7.2				7.2	10.8	25.4			43.4	900
21-23	2.2	6.1				6.1	23.1	23.2			52.4	900
ALL HOURS	1.8	5.9				5.9	19.1	26.0			51.0	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	S - E &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.1	4.0				4.0	32.4	27.7			64.1	930
03-05	1.0	4.4				4.4	47.3	26.3			78.1	930
06-08	.9	8.0				8.0	38.4	39.1			85.5	930
09-11	.3	7.0				7.0	10.2	40.3			57.5	930
12-14	1.9	4.3				4.3	4.8	35.6			44.7	930
15-17	3.7	6.1				6.1	3.5	36.7		.2	46.6	930
18-20	5.7	7.5			.1	7.6	7.7	36.5			51.8	930
21-23	3.9	5.7				5.7	20.8	31.1			57.5	930
ALL HOURS	2.3	5.9			.0	5.9	20.6	34.2		.0	60.7	7440

MONTH: AUG

00-02	.8	3.5				3.5	36.6	28.2			68.3	930
03-05	.4	5.2				5.2	49.7	25.6			80.4	930
06-08	.2	6.5				6.5	42.3	34.5			83.2	930
09-11	.4	6.1				6.1	10.0	34.4			50.5	930
12-14	1.1	5.9				5.9	4.2	33.7			43.8	930
15-17	2.7	5.9				5.9	3.3	34.9			44.2	930
18-20	3.3	6.7				6.7	8.7	33.7			49.0	930
21-23	2.2	4.8				4.8	21.4	29.2			55.5	930
ALL HOURS	1.4	5.6				5.6	22.0	31.8			59.4	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.6	7.1				7.1	31.3	15.3			53.8	900
03-05	.1	7.8				7.8	42.8	14.8			65.3	900
06-08	.1	9.0				9.0	45.6	24.8			79.3	900
09-11		6.4				6.4	11.2	26.3			44.0	900
12-14	.2	4.7				4.7	5.3	22.8			32.8	900
15-17	1.3	5.8				5.8	5.4	19.0			30.2	900
18-20	2.1	7.8			.1	7.9	11.7	19.4			39.0	900
21-23	1.1	6.9				6.9	23.7	16.2			46.8	900
ALL HOURS	.7	6.9			.0	6.9	22.1	19.8			48.9	7200

MONTH: OCT

00-02	.1	8.4				8.4	34.1	4.0			46.5	930
03-05		8.2				8.2	38.6	3.2			50.0	930
06-08		8.9				8.9	44.0	8.9			61.8	930
09-11	.2	10.1				10.1	16.9	14.9			41.9	930
12-14		9.6				9.6	10.3	11.1			31.0	930
15-17	.2	9.4				9.4	10.4	9.7			29.5	930
18-20	1.2	9.5				9.5	17.2	9.6			36.2	930
21-23	.8	9.1				9.1	26.7	5.5			41.3	930
ALL HOURS	.3	9.1				9.1	24.8	8.4			42.3	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

HOURS (LST)	TSTMS	LIQ' D PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	11.1	.2	.4		11.8	22.9	4.4			39.1	900
03-05	.1	9.2	.1	.6		9.9	28.8	4.8			43.4	900
06-08	.2	10.4		1.1		11.6	38.0	9.9			59.4	900
09-11	.2	11.1		.7		11.8	19.4	13.4			44.7	900
12-14	.2	10.4		.7		11.1	11.3	6.0			28.4	900
15-17		11.3		.9		12.2	10.7	5.0			27.9	900
18-20	.1	11.3		.8		12.1	10.9	2.7			25.7	900
21-23	.2	10.7		.3		11.0	15.2	2.3			28.6	900
ALL HOURS	.2	10.7	.0	.7		11.4	19.7	6.1			37.2	7200

MONTH: DEC

00-02		7.5	.1	1.5		9.1	21.2	2.0			32.4	930
03-05		6.9	.3	1.7		8.9	24.5	2.0			35.5	930
06-08		10.0	.8	1.9		12.7	29.6	3.7			45.9	930
09-11		11.9	.1	2.3		14.3	20.8	9.5			44.5	930
12-14		9.5		1.8		11.3	12.7	5.3			29.2	930
15-17		8.7		2.6		11.3	11.9	5.2			28.4	930
18-20		8.7	.2	2.0		11.0	14.2	2.8			28.0	930
21-23		7.8	.4	1.8		10.1	16.9	2.2	.1		29.2	930
ALL HOURS		8.9	.2	2.0		11.1	19.0	4.1	.0		34.1	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		7.0	.8	4.7		12.5	16.4	6.0	.3		35.2	7440
FEB		11.1	.6	3.9		15.6	19.0	5.8	.2		40.5	6763
MAR	.2	11.9	.3	1.6	.0	13.8	15.3	3.3			32.5	7440
APR	.7	11.9		.2		12.1	14.6	5.0			31.7	7200
MAY	1.4	11.4				11.4	24.0	11.4			46.8	7440
JUN	1.8	5.9				5.9	19.1	26.0			51.0	7200
JUL	2.3	5.9			.0	5.9	20.6	34.2		.0	60.7	7440
AUG	1.4	5.6				5.6	22.0	31.8			59.4	7440
SEP	.7	6.9			.0	6.9	22.1	19.8			48.9	7200
OCT	.3	9.1				9.1	24.8	8.4			42.3	7440
NOV	.2	10.7	.0	.7		11.4	19.7	6.1			37.2	7200
DEC		8.9	.2	2.0		11.1	19.0	4.1	.0		34.1	7440
ANNUAL	.8	8.8	.2	1.1	.0	10.1	19.7	13.5	.0	.0	43.4	87643

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.6	30.4	4.2	20.5		42.3	39.4	31.7	2.0		59.5	1021
FEB	.7	35.9	4.3	20.9	.1	46.3	42.0	34.1	1.8		62.6	960
MAR	4.4	41.4	1.1	11.7	.6	46.3	39.4	31.5	.6		59.5	1023
APR	8.9	45.4	.2	2.3	.5	45.9	40.3	29.3			61.4	990
MAY	15.9	47.7		.1	.6	47.7	60.4	50.0			74.8	1023
JUN	22.3	44.1			.8	44.1	60.9	64.4			80.5	990
JUL	24.3	42.3			.5	42.3	64.8	69.7			82.6	1023
AUG	20.8	39.5			.2	39.5	67.1	72.2			82.4	1023
SEP	8.1	33.4			.1	33.4	66.8	51.2			77.3	990
OCT	3.5	32.5		.2	.1	32.5	57.9	45.7			70.8	1023
NOV	2.6	39.3	.1	4.6	.2	41.1	50.8	38.8	.1		68.7	990
DEC	.4	34.7	2.7	14.7	.1	41.9	43.7	31.8	.7		61.6	1021
ANNUAL	9.4	38.9	1.0	6.2	.3	41.9	52.8	46.8	.4		70.2	12077

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02			.1	.6	.5	.3	1.1	.8	.6	.1	.2	
03-05				.2	.2	.4	1.0	.4	.1		.1	
06-08			.2	.2	.3	.3	.9	.2	.1		.2	
09-11				.6	.5	.1	.3	.4		.2	.2	
12-14			.1	.2	1.4	1.6	1.9	1.1	.2		.2	
15-17			.4	.6	2.8	4.8	3.7	2.7	1.3	.2		
18-20			.9	1.3	3.7	4.2	5.7	3.3	2.1	1.2	.1	
21-23			.2	1.7	2.0	2.2	3.9	2.2	1.1	.8	.2	
ALL HOURS			.2	.7	1.4	1.8	2.3	1.4	.7	.3	.2	
TOTAL OBS	7440	6763	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS								
LIQUID PRECIP	46.8		7.7	9.8	12.3	6.4	16.9	543
FREEZING PRECIP	50.0		20.3	9.4	1.6	3.1	15.6	64
FROZEN PRECIP	37.9		15.5	11.6	10.5	7.6	16.9	354
FOG	61.9		5.8	5.2	11.0	5.1	11.1	1194
FOG WITH VIS GE 1/2 MILES	60.4		6.2	5.2	11.0	5.5	11.7	1117
TOTAL OBS	3308	0	417	303	1056	906	1450	7440

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	38.7		9.5	15.0	17.1	6.2	13.4	759
FREEZING PRECIP	35.0		47.5		2.5		15.0	40
FROZEN PRECIP	27.8		31.6	10.8	10.4	2.1	17.4	288
FOG	62.8		6.3	9.2	10.5	3.6	7.5	1262
FOG WITH VIS GE 1/2 MILES	61.0		6.6	9.2	11.2	3.8	8.3	1144
TOTAL OBS	2811	0	510	435	1069	641	1297	6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS	31.6		10.5	10.5	5.3	26.3	15.8	19
LIQUID PRECIP	33.3		16.0	18.1	18.4	2.5	11.7	891
FREEZING PRECIP	15.0		45.0	30.0			10.0	20
FROZEN PRECIP	23.6		37.4	13.8	2.4	5.7	17.1	123
FOG	47.2		12.3	14.4	14.4	2.2	9.5	1133
FOG WITH VIS GE 1/2 MILES	46.3		12.7	14.7	14.5	2.1	9.8	1098
TOTAL OBS	2434	0	724	548	1474	847	1413	7440

MONTH: APR HOURS: ALL

TSTMS	31.3		16.7	16.7	18.8	8.3	8.3	48
LIQUID PRECIP	26.2		13.4	23.2	18.5	8.1	10.6	850
FREEZING PRECIP								
FROZEN PRECIP	50.0		5.0		10.0	20.0	15.0	20
FOG	51.9		10.9	18.2	8.4	3.0	7.8	1041
FOG WITH VIS GE 1/2 MILES	50.5		11.2	18.6	8.6	3.1	8.0	1010
TOTAL OBS	2511	0	553	728	1465	823	1120	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS	26.2		9.3	10.3	30.8	6.5	15.8	107
LIQUID PRECIP	36.9		10.9	17.1	16.6	5.1	13.5	791
FREEZING PRECIP								
FROZEN PRECIP								
FOG	63.2		5.8	10.1	11.4	3.0	6.5	1771
FOG WITH VIS GE 1/2 MILES	62.6		5.8	10.2	11.6	3.0	6.7	1732
TOTAL OBS	3213	0	449	539	1762	597	880	7440

MONTH: JUN HOURS: ALL

TSTMS	24.6		5.6	13.5	38.9	11.9	5.6	126
LIQUID PRECIP	47.8		7.6	9.1	25.2	1.7	5.6	341
FREEZING PRECIP								
FROZEN PRECIP								
FOG	78.2		2.2	4.5	11.1	1.5	2.6	1324
FOG WITH VIS GE 1/2 MILES	78.1		2.2	4.5	11.2	1.5	2.5	1313
TOTAL OBS	3395	0	268	384	1794	632	727	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSIMS	31.4		4.1	9.9	27.3	14.0	13.4	172
LIQUID PRECIP	60.1		1.5	8.1	19.8	8.1	2.4	333
FREEZING PRECIP								
FROZEN PRECIP								
FOG	80.9		.8	2.6	8.7	3.5	3.4	1475
FOG WITH VIS GE 1/2 MILES	80.9		.8	2.7	8.8	3.5	3.4	1469
TOTAL OBS	3682	0	257	347	1786	637	77	7440

MONTH: AUG HOURS: ALL

TSIMS	40.8		7.8	8.7	16.5	11.7	14.6	103
LIQUID PRECIP	54.9		5.6	8.4	15.1	6.2	9.8	357
FREEZING PRECIP								
FROZEN PRECIP								
FOG	81.9		2.8	3.1	6.4	1.8	4.0	1536
FOG WITH VIS GE 1/2 MILES	81.8		2.8	3.1	6.4	1.8	4.1	1530
TOTAL OBS	3958	0	348	425	1572	489	648	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS	41.2			11.8	23.5	11.8	11.8	51
LIQUID PRECIP	45.1		7.9	10.9	12.7	4.4	19.0	479
FREEZING PRECIP								
FROZEN PRECIP								
FOG	74.7		2.8	3.8	7.8	2.5	8.4	1521
FOG WITH VIS GE 1/2 MILES	74.2		2.9	3.8	7.9	2.6	8.6	1486
TOTAL OBS	3888	0	326	402	1375	415	794	7200

MONTH: OCT HOURS: ALL

TSTMS	34.8			4.3	34.8	17.4	8.7	23
LIQUID PRECIP	37.5		13.4	11.6	12.5	5.7	19.3	680
FREEZING PRECIP								
FROZEN PRECIP								
FOG	74.3		4.2	5.2	7.3	2.5	6.5	1828
FOG WITH VIS GE 1/2 MILES	73.5		4.4	5.4	7.6	2.5	6.7	1757
TOTAL OBS	4061	0	399	432	1085	481	982	7440

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS	41.7				41.7	8.3	8.3	12
LIQUID PRECIP	37.9		14.1	19.0	10.0	8.6	10.3	778
FREEZING PRECIP			66.7				33.3	3
FROZEN PRECIP	36.0		22.0	2.0	6.0	12.0	22.0	50
FOG	61.8		8.1	8.7	10.2	5.0	6.1	1386
FOG WITH VIS GE 1/2 MILES	61.2		8.2	9.0	10.3	5.0	6.3	1329
TOTAL OBS	3308	0	425	429	1228	778	1032	7200

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	46.1		9.9	14.7	13.5	4.6	11.1	674
FREEZING PRECIP	50.0		27.8	5.6	16.7			18
FROZEN PRECIP	53.4		8.1	6.1	6.1	6.1	20.3	148
FOG	63.8		6.7	7.0	10.8	3.9	7.7	1398
FOG WITH VIS GE 1/2 MILES	62.6		6.9	7.6	10.9	4.0	8.2	1298
TOTAL OBS	3471	0	457	312	1133	721	1346	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	341 - 030	031 - 120	121 - 240	241 - 300	301 - 340	NO OF OBS
TSTMS	31.8		6.4	10.7	27.4	11.8	12.0	661
LIQUID PRECIP	40.1		10.9	15.1	15.7	5.8	12.5	7476
FREEZING PRECIP	40.0		33.1	9.0	3.4	1.4	13.1	145
FROZEN PRECIP	35.6		22.0	10.1	8.5	6.0	17.8	983
FOG	67.9		5.4	7.3	9.7	3.1	6.6	16869
FOG WITH VIS GE 1/2 MILES	57.3		5.5	7.4	9.8	3.1	6.8	16283
TOTAL OBS	40040	0	5133	5284	16799	7967	12420	87643

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A 'TRACE', THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.0	53.1	53.0	53.4	51.5	55.3	56.8	59.6	65.8	66.8	58.4	57.4	57.3
TRACE	10.8	14.3	14.0	11.9	12.7	12.1	11.0	9.2	8.4	8.7	11.3	12.1	11.4
.01	1.9	3.2	2.3	3.2	2.8	2.4	2.5	2.7	2.3	2.6	2.6	3.6	2.7
.02-.05	6.3	5.3	6.0	6.5	6.1	5.7	4.6	5.3	4.1	3.9	6.5	5.4	5.5
.06-.10	4.9	3.9	3.9	3.4	4.1	4.4	4.4	4.3	2.9	2.9	2.3	4.0	3.8
.11-.25	6.1	7.5	6.8	8.1	8.1	5.8	7.5	5.8	4.4	3.8	5.4	5.5	6.2
.26-.50	6.7	4.6	5.8	6.1	6.6	6.4	5.2	4.5	4.4	3.6	5.5	3.6	5.2
.51-1.00	5.1	6.0	5.5	5.6	5.3	5.6	4.7	4.6	4.0	4.6	5.5	5.0	5.1
1.01-2.50	1.4	2.1	2.6	1.6	2.6	2.3	2.7	3.7	2.8	2.8	2.5	3.3	2.6
2.51-5.00			.1	.2	.1		.5	.3	.7	.2	.1	.1	.2
5.01-10.00						.1							.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	32.2	32.6	33.0	34.6	35.8	32.6	32.2	31.2	25.9	24.5	30.3	30.6	31.3
TOTAL NO. OF OBSERVATIONS	1021	960	1023	990	1023	990	1023	1023	990	1023	990	1020	12076

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		2.66	2.24	2.01	.90	2.57	1.08	2.75	2.62	2.35	3.35	5.87	28.40*
58	3.39	4.03	5.18	4.73	2.41	4.23	8.65	8.64	2.37	2.11	2.01	2.10	49.85
59	2.30	1.76	3.18	4.24	2.07	3.31	4.97	3.20	3.45	3.12	1.79	3.45	36.84
60	2.65	3.41	2.78	3.24	5.56	1.03	2.99	4.70	3.80	1.98	1.10	2.14	35.38
61	2.81	4.94	4.48	3.10	2.22	3.34	4.41	4.92	1.02	2.20	2.11	3.47	39.02
62	2.05	4.53	3.86	2.74	3.55	2.00	2.72	1.28	3.04	1.41	6.30	3.64	37.12
63	1.74	1.63	5.07	.96	1.24	4.24	.99	2.28	3.46	.05	6.16	2.19	30.01
64	4.05	3.35	2.96	4.89	1.50	1.72	1.50	1.88	2.91	2.08	1.64	3.01	31.49
65	2.64	2.04	3.82	3.12	1.70	2.67	4.36	5.31	2.46	3.69	.50	.58	32.89
66	3.92	3.58	1.59	3.37	3.63	1.96	.74	1.20	9.24	4.50	1.40	2.35	37.48
67	.77	1.74	3.21	1.10	5.19	1.69	4.26	8.16	.90	2.59	2.08	6.32	38.01
68	2.56	.77	4.35	1.93	4.23	5.89	1.98	2.45	4.39	3.44	3.83	2.30	38.12
69	2.38	2.25	2.01	1.25	1.45	1.64	5.16	6.88	4.97	1.22	2.69	7.34	39.24
70	1.60	3.25	3.23	5.65	3.67	1.81	6.13	2.02	1.71	2.51	7.06	3.46	42.10
71	2.05	5.61	2.43	3.00	9.42	1.69	2.17	6.79	1.28	8.00	3.13	1.81	47.38
72	2.54	6.55	2.43	4.59	5.08	16.15	4.14	.96	1.80	4.02	7.34	5.59	61.19
73	2.78	3.54	3.30	5.31	3.25	2.91	2.35	8.79	3.61	2.17	1.52	7.04	46.57
74	4.23	1.26	5.56	2.71	4.49	4.51	2.23	8.43	6.18	.75	1.91	5.25	47.51
75	3.76	1.63	6.71	2.68	3.62	5.97	5.54	5.73	13.36	3.52	1.82	3.93	58.27
76	3.58	1.75	3.44	1.35	6.07	1.59	3.77	2.92	5.82	7.95	.96	2.29	41.49
77	.97	.65	2.72	2.82	3.27	4.03	4.45	3.72	.95	5.33	5.82	5.51	40.24
78	8.77	.42	5.33	2.19	6.78	4.84	4.99	6.67	1.20	1.40	2.24	5.04	49.87
79	6.87	6.40	3.78	2.24	4.78	3.71	5.08	8.27	9.99	6.62	2.67	1.39	61.80
80	2.75	1.44	4.99	3.73	2.69	2.43	4.25	2.03	.90	5.09	2.55	.35	33.20
81	.41	2.98	1.10	2.86	3.49	4.55	5.58	2.65	2.52	4.16	.39	2.91	33.60
82	3.23	4.24	3.41	3.74	3.21	5.15	3.56	4.67	2.59	3.14	3.16	2.79	42.89
83	2.10	3.01	5.87	8.73	4.72	3.65	2.42	1.53	3.36	5.26	5.51	5.00	51.16
84	1.83	3.30	5.95	4.05	3.93	2.97	6.40	3.35	1.89	3.09	3.08	1.25	41.09
85	2.33	3.43	2.82	.18	5.33	1.54	2.60	3.21	5.89	4.39	6.30	.64	38.66
86	2.52	3.73	.73	2.06	1.22	2.23	5.08	8.29	.83	1.70	5.21	5.83	39.43
87	4.03	1.81	2.33	3.76	3.44	4.58	2.14	1.62	6.96	2.68	4.17	3.11	40.63
88	3.25	2.36	2.14	2.39	3.70	.75	1.27	3.11	2.14	1.94	5.62	1.19	29.86
89	2.28	2.81	4.55	4.90	8.38	7.65	6.39	.29	5.26	4.80	3.06	2.35	52.72
90	3.19	1.62											4.81*

B - 2 - 2A

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 16.15 OCCURRED ON 06/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		.99	.86	.77	.48	.64	.58	1.74	.71	1.52	.73	2.24	2.24*
58	1.52	1.09	1.24	.92	.80	1.59	2.94	3.64	.99	1.25	.80	1.29	3.64
59	.83	.60	.79	1.42	.71	1.52	1.56	1.65	1.12	.94	.73	1.40	1.65
60	.85	1.10	.89	1.02	2.00	.60	1.07	1.47	1.45	.68	.38	1.05	2.00
61	.84	1.09	1.06	.81	.51	1.06	2.28	1.56	.33	1.33	.54	.67	2.28
62	1.01	1.26	1.36	.64	.87	.63	1.36	.40	.93	.90	1.85	1.01	1.85
63	.42	.58	1.01	.39	.48	1.65	.58	1.22	1.79	.05	2.21	.95	2.21
64	1.01	.75	1.35	1.05	1.27	.54	.58	.98	1.32	.80	1.07	.90	1.35
65	.98	1.10	1.51	.83	1.16	.86	.96	2.32	.75	2.85	.24	.34	2.85
66	1.15	1.31	.96	.76	1.55	.70	.17	.76	4.57	3.17	.84	.69	4.57
67	.44	.91	1.31	.45	1.77	.41	.97	2.17	.64	1.00	1.02	1.35	2.17
68	1.26	.37	1.78	1.12	1.19	1.30	1.26	.66	3.22	1.20	.99	.64	3.22
69	.99	1.05	.49	.48	.69	.66	1.80	2.01	2.19	.76	1.11	2.04	2.19
70	.65	.89	.72	2.69	1.08	.39	3.06	.71	.87	1.07	3.06	1.17	3.06
71	.74	1.96	1.20	1.53	1.98	.57	.70	4.20	.57	2.45	1.34	1.39	4.20
72	.61	1.71	1.06	1.56	1.06	9.10	2.56	.26	.76	1.86	1.67	1.38	9.10
73	.86	1.79	.47	1.24	.79	1.78	1.02	4.25	2.24	1.32	.49	2.11	4.25
74	.70	.42	1.91	1.43	1.82	1.39	1.56	2.33	2.64	.44	.76	1.39	2.64
75	.73	.52	1.86	.80	.79	1.72	3.32	2.28	4.05	1.13	1.26	1.36	4.05
76	1.17	.68	.99	1.00	1.54	.57	1.21	1.48	2.22	1.84	.53	1.35	2.22
77	.31	.58	1.12	.86	1.32	2.15	1.54	1.47	.28	2.30	.91	2.89	2.89
78	1.74	.17	2.66	.63	2.06	1.28	1.87	2.04	.56	.59	.73	1.25	2.66
79	1.54	1.83	1.97	.48	1.46	1.08	1.44	1.46	4.17	2.07	.70	.63	4.17
80	1.23	.27	.97	.77	1.04	.77	1.12	.96	.66	2.29	.85	.24	2.29
81	.14	1.25	.61	.78	1.19	1.04	2.73	.89	1.24	1.12	.21	.95	2.73
82	.74	.81	.71	1.19	1.74	1.74	1.22	1.98	1.28	2.34	.90	1.23	2.34
83	.96	1.19	1.10	2.62	2.09	.95	.98	.69	1.29	2.34	1.12	1.09	2.62
84	.84	1.03	1.37	1.04	.93	1.67	1.21	.87	.66	1.33	.80	.73	1.67
85	.41	1.32	1.30	.05	1.29	.23	.72	1.61	2.54	1.31	1.74	.37	2.54
86	.72	.60	.45	.51	.84	.48	1.66	1.87	.28	.47	1.07	2.45	2.45
87	.95	.65	.55	.79	1.08	1.21	1.48	.78	1.58	1.83	1.30	.64	1.83
88	1.11	.82	1.32	1.02	.96	.30	.35	1.49	.91	1.21	1.17	.52	1.49
89	.52	.97	1.25	1.57	2.58	1.68	1.50	.06	1.88	1.11	1.69	1.16	2.58
90	.91	.82											.91*

B - 2 - 3A

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 9.10 OCCURRED ON 06/21/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724027

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	79.8	78.7	88.2	97.7	100.0	100.0	100.0	100.0	100.0	99.8	95.2	85.4	93.8
TRACE	10.5	12.1	7.0	1.7						.1	3.6	9.2	3.7
0.1-0.4	2.4	1.7	.9	.3							.2	1.4	.6
0.5-1.4	2.9	2.4	1.6	.2							.3	1.6	.7
1.5-2.4	1.9	1.8	.9	.1							.3	.9	.5
2.5-3.4	.9	.6	.2							.1	.2	.3	.2
3.5-4.4	.6	.8	.4									.3	.2
4.5-6.4	.6	1.2	.4									.7	.2
6.5-10.4	.4	.5	.4								.1	.1	.1
10.5-15.4		.1	.1								.1	.2	.0
15.5-25.4	.1	.1											.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	9.7	9.2	4.8	.6						.1	1.2	.4	2.6
TOTAL NO. OF OBSERVATIONS	1020	933	1023	990	1023	990	1023	1023	990	1023	990	1019	12047

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YFAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		1.3	1.1	.1	.0	.0	.0	.0	.0	.0	TRACE	5.2	7.7*
58	.8	21.2	26.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	49.7
59	5.5	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	.3	7.8
60	1.7	8.0	23.5	.0	.0	.0	.0	.0	.0	.0	TRACE	6.9	40.1
61	14.0	19.2	1.2	TRACE	.0	.0	.0	.0	.0	.0	4.3	3.8	42.5
62	2.5	11.3	19.7	TRACE	.0	.0	.0	.0	.0	.0	2.7	21.8	58.0
63	1.5	2.8	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	8.2	13.5
64	8.6	11.4	7.9	.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	31.1
65	8.4	1.6*	4.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.3*
66	35.0	8.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	24.8	67.8
67	1.8	18.1	.1	.0	.0	.0	.0	.0	.0	.0	9.0	2.9	31.9
68	3.7	2.7	2.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.5
69	TRACE	3.7	5.9	.0	.0	.0	.0	.0	.0	.0	TRACE	7.1	16.7
70	5.3	3.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.1	14.5
71	4.4	TRACE	.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.3
72	TRACE	13.9	TRACE	.6	.0	.0	.0	.0	.0	TRACE	.3	.0	14.8
73	TRACE	TRACE	.4	.2	.0	.0	.0	.0	.0	.0	.0	7.3	7.9
74	TRACE	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	4.6
75	6.0	8.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	16.0
76	.1	1.0	2.6	.0	.0	.0	.0	.0	.0	.0	1.0	2.2	6.9
77	9.1	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.1	.1	9.3
78	10.6	4.2	6.5	.0	.0	.0	.0	.0	.0	.0	3.0	TRACE	24.3
79	6.2	24.3	TRACE	.0	.0	.0	.0	.0	.0	2.8	.0	.1	33.4
80	7.7	5.6	9.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	22.9
81	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	5.7
82	14.2	12.0	.4	1.1	.0	.0	.0	.0	.0	.0	TRACE	6.5	34.2
83	TRACE	22.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	22.6
84	5.2	7.4	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.1
85	11.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	12.1
86	2.3	12.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	14.4
87	17.5	8.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	10.8	TRACE	39.3
88	10.6	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	12.9
89	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.3	12.4	18.7
90	.1	TRACE											.1*

B - 3 - 2A

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 35.0 OCCURRED ON 01/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		1.3	1.1	.1	.0	.0	.0	.0	.0	.0	TRACE	4.4	4.4*
58	.5	14.7	7.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	14.7
59	3.0	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	.2	3.0
60	1.3	4.5	8.9	.0	.0	.0	.0	.0	.0	.0	TRACE	6.1	8.9
61	8.1	9.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	2.3	1.9	9.8
62	2.1	5.1	12.8	TRACE	.0	.0	.0	.0	.0	.0	2.7	10.9	12.8
63	.7	2.1	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	7.1	7.1
64	5.2	8.1	7.5	.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.1
65	3.1	1.6*	2.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1*
66	18.7	6.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	12.6	18.7
67	1.8	9.4	.1	.0	.0	.0	.0	.0	.0	.0	9.0	2.4	9.4
68	1.7	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
69	TRACE	2.5	3.5	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	6.0
70	2.3	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5	5.5
71	4.3	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.3
72	TRACE	4.9	TRACE	.6	.0	.0	.0	.0	.0	TRACE	.3	.0	4.9
73	TRACE	TRACE	.4	.2	.0	.0	.0	.0	.0	.0	.0	3.9	3.9
74	TRACE	3.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	3.9
75	5.0	6.3	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.3
76	.1	1.0	2.6	.0	.0	.0	.0	.0	.0	.0	1.0	1.7	2.6
77	4.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.1	.1	4.3
78	4.6	1.7	4.0	.0	.0	.0	.0	.0	.0	.0	2.0	TRACE	4.6
79	2.9	8.6	TRACE	.0	.0	.0	.0	.0	.0	2.8	.0	.1	8.6
80	3.2	2.3	6.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	6.0
81	1.4	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	1.7
82	4.4	5.8	.4	1.1	.0	.0	.0	.0	.0	.0	TRACE	4.8	5.8
83	TRACE	18.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	18.2
84	5.0	3.4	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0
85	3.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	3.5
86	1.0	4.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.0
87	8.5	5.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	10.8	TRACE	10.8
88	4.0	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	4.0
89	.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6	5.0	5.0
90	.1	TRACE											.1*

B - 3 - 3A

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	18.7	18.2	12.8	2.0	.0	.0	.0	.0	.0	2.8	10.8	12.6	18.7
TOTAL OBS	1020	933	1023	990	1023	990	1023	1023	990	1023	990	1019	12047

THE GREATEST VALUE OF 18.7 OCCURRED ON 01/30/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.4	75.8	91.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	98.1	84.9	93.2
TRACE	8.2	6.0	3.2	.3							.8	4.6	1.9
1	5.9	4.6	1.6	.1							.3	2.5	1.2
2	4.8	3.2	1.6								.3	2.7	1.1
3	3.7	2.9	.7								.2	1.1	.7
4-6	5.3	3.9	1.1								.1	3.1	1.1
7-12	3.0	2.3	.7								.2	.9	.6
13-24	.7	1.3										.1	.2
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	23.4	18.1	5.6	.1							1.1	10.5	4.9
TOTAL NO. OF OBSERVATIONS	1021	960	1023	990	1023	990	1023	1023	990	1023	990	1021	12077

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		1	0	0	0	0	0	0	0	0	0	5	5*
58	TRACE	15	5	0	0	0	0	0	0	0	0	1	15
59	3	0	0	0	0	0	0	0	0	0	0	TRACE	3
60	TRACE	5	9	0	0	0	0	0	0	0	0	7	9
61	9	14	0	0	0	0	0	0	0	0	2	TRACE	14
62	2	3	4	0	0	0	0	0	0	0	TRACE	9	9
63	5	2	TRACE	0	0	0	0	0	0	0	0	5	5
64	9	8	5	0	0	0	0	0	0	0	0	0	9
65	4	3	1	0	0	0	0	0	0	0	0	0	4
66	24	16	0	0	0	0	0	0	0	0	0	13	24
67	2	8	0	0	0	0	0	0	0	0	7	5	8
68	3	0	3	0	0	0	0	0	0	0	TRACE	0	3
69	TRACE	2	4	0	0	0	0	0	0	0	0	5	5
70	2	3	0	0	0	0	0	0	0	0	0	1	3
71	8	TRACE	1	0	0	0	0	0	0	0	0	0	8
72	0	3	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	0	0	0	0	0	0	0	0	0	0	5	5
74	0	4	0	0	0	0	0	0	0	0	0	0	4
75	4	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
76	0	1	2	0	0	0	0	0	0	0	1	2	2
77	7	TRACE	0	0	0	0	0	0	0	0	0	TRACE	7
78	7	3	4	0	0	0	0	0	0	0	3	0	7
79	2	20	TRACE	0	0	0	0	0	0	0	0	0	20
80	6	3	9	0	0	0	0	0	0	0	0	0	9
81	2	0	0	0	0	0	0	0	0	0	0	2	2
82	11	6	TRACE	1	0	0	0	0	0	0	0	5	11
83	0	22	0	0	0	0	0	0	0	0	0	0	22
84	6	TRACE	2	0	0	0	0	0	0	0	0	0	6
85	3	2	0	TRACE	0	0	0	0	0	0	0	TRACE	3
86	1	4	TRACE	0	0	0	0	0	0	0	0	0	4
87	17	11	3	TRACE	0	0	0	0	0	0	11	0	17
88	7	0	1	0	0	0	0	0	0	0	0	1	7
89	TRACE	1	TRACE	0	0	0	0	0	0	0	3	8	8
90	TRACE	TRACE											TRACE*

B - 4 - 2A

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	24	22	9	1	0	0	0	0	0	0	11	13	24*
TOTAL OBS	1021	960	1023	990	1023	990	1023	1023	990	1023	990	1021	12077

THE GREATEST VALUE OF 24 OCCURRED ON 01/31/66

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA

PERIOD OF RECORD: 5702-9002

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
56 - 57	FEB 05	FEB 19	FEB 20	APR 13	APR 13	FEB 20
57 - 58	NOV 30	DEC 03	DEC 04	MAR 21	MAR 21	MAR 21
58 - 59	NOV 28	DEC 03	DEC 15	APR 12	APR 12	JAN 28
59 - 60	NOV 29	DEC 21	FEB 14	MAR 22	MAR 16	MAR 18
60 - 61	NOV 07	DEC 11	DEC 12	APR 13	MAR 21	FEB 18
61 - 62	NOV 19	NOV 19	NOV 20	APR 15	MAR 09	MAR 10
62 - 63	NOV 05	NOV 05	DEC 12	MAR 21	MAR 21	FEB 25
63 - 64	NOV 29	DEC 18	DEC 19	APR 01	APR 01	MAR 30
64 - 65	NOV 30	JAN 01	JAN 11	MAR 20	MAR 20	MAR 21
65 - 66	DEC 07	JAN 26	JAN 27	APR 13	FEB 24	FEB 26
66 - 67	NOV 28	DEC 13	DEC 14	MAR 23	MAR 23	FEB 21
67 - 68	NOV 17	NOV 30	NOV 30	MAR 23	MAR 12	MAR 12
68 - 69	NOV 10	FEB 08	FEB 09	MAR 30	MAR 09	MAR 10
69 - 70	NOV 30	DEC 07	DEC 26	MAR 29	FEB 15	FEB 18
70 - 71	NOV 04	DEC 25	DEC 26	APR 07	MAR 26	MAR 27
71 - 72	NOV 24	FEB 02	FEB 02	APR 08	APR 07	FEB 24
72 - 73	OCT 19	NOV 22		APR 12	APR 12	
73 - 74	DEC 10	DEC 16	DEC 17	MAR 11	FEB 16	FEB 11
74 - 75	NOV 15	DEC 19	JAN 21	APR 03	MAR 10	FEB 06
75 - 76	NOV 13	JAN 21	FEB 02	MAR 12	MAR 09	MAR 10
76 - 77	NOV 08	NOV 12	NOV 12	APR 06	JAN 25	JAN 30
77 - 78	NOV 12	NOV 27	JAN 13	MAR 17	MAR 08	MAR 10
78 - 79	NOV 26	NOV 26	NOV 27	MAR 15	FEB 19	FEB 26
79 - 80	OCT 10	OCT 10	JAN 05	MAR 14	MAR 14	MAR 14
80 - 81	NOV 16	DEC 31	JAN 01	MAR 21	MAR 18	JAN 16
81 - 82	NOV 24	DEC 15	DEC 16	APR 09	APR 09	APR 09
82 - 83	NOV 28	DEC 12	DEC 12	APR 19	FEB 11	FEB 18
83 - 84	NOV 25	JAN 10	JAN 11	MAR 29	MAR 29	MAR 10
84 - 85	NOV 18	JAN 03	JAN 11	APR 09	JAN 31	FEB 01
85 - 86	DEC 05	DEC 20	JAN 29	APR 23	FEB 27	FEB 28

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA

PERIOD OF RECORD: 5702-9002

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	JAN 01	JAN 22	JAN 22	APR 06	MAR 16	MAR 16
87 - 88	NOV 11	NOV 11	NOV 11	APR 28	MAR 21	MAR 21
88 - 89	DEC 09	DEC 09	DEC 10	MAR 07	FEB 28	FEB 24
89 - 90	NOV 22	NOV 22	NOV 23	FEB 27	JAN 08	DEC 31

MEDIAN-DATE	NOV 24	DEC 14	DEC 26	MAR 31	MAR 15	FEB 26
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PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE

FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
57		*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	WNW 34	WNW*34
59	NW 37	NNW 44	WSW 41	NW 32	NW 27	NW 32	S 28	ENE*16	*	*	*	*	NNW*44
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	S *17	W 53	WSW 25	NNE*35	WNW 30	NW *32	W 30	W *53
62	NW 34	NW 28	NW 33	NNW*33	W *40	NW 28	SE 31	NW 25	WNW 29	WNW 31	W *38	NW 40	W *40
63	NW 45	NW 36	W 34	WSW 49	WNW 32	NNW 38	NW *29	W 28	NW 27	WNW 33	W 40	WNW 41	WSW*49
64	WNW 45	NW 47	S 43	NW 36	NW 34	NW 29	NNW 24	SW *24	W 25	N 33	WNW 28	NW 37	NW *47
65	NW 37	NNW 37	NW 37	NW 45	NW 29	W 42	NW 41	NNW 45	SSW 31	NNW 29	WNW 40	NW 34	NW 45
66	WNW 41	NW 30	WNW 45	NW 35	WSW 35	N 31	NE 33	WNW 26	ENE 25	NNW 32	NW 34	NW 31	WNW 45
67	NW 45	WNW 41	NW 51	NNW 38	NNW 31	NNW 23	NW 43	W 25	NNE 26	SSW*21	NW 39	NW 39	NW *51
68	NW 39	NW 38	NW 43	NW 43	NW 28	W 35	29/ 31	36/ 37	17/ 24	31/ 31	35/ 40	29/ 43	NW 43
69	28/ 38	31/ 52	30/ 40	31/ 34	19/ 30	29/ 35	32/ 48	31/ 48	31/ 54	30/ 38	33/ 38	29/ 49	31/ 54
70	31/ 39	29/ 43	33/ 35	21/ 39	33/ 38	31/ 40	30/ 62	30/ 32	32/ 50	30/ 33	31/ 41	32/ 50	30/ 62
71	31/ 67	17/ 38	31/ 49	31/ 45	31/ 32	32/ 40	31/ 29	32/ 28	16/ 27	35/ 28	31/ 44	32/ 53	31/ 67
72	32/ 41	30/ 56	33/ 38	27/ 63	27/ 35	33/ 38	31/ 32	35/ 21	35/ 33	35/ 39	31/ 45	29/ 40	27/ 63
73	31/ 37	31/ 35	25/ 43	35/ 36	30/ 38	28/ 28	02/ 37	20/ 25	32/ 25	14/ 28	28/ 41	34/ 37	25/ 43
74	33/ 33	30/ 40	35/ 40	33/ 37	32/ 41	23/ 25	32/ 31	21/ 38	33/ 35	32/ 30	31/ 31	08/ 41	32/ 41
75	31/ 39	35/ 38	31/ 46	22/ 63	34/ 42	26/ 32	34/ 39	22/ 33	23/ 29	31/ 25	36/ 33	34/ 31	22/ 63
76	30/ 40	31/ 51	33/ 45	32/ 35	34/ 31	19/ 25	29/ 40	24/ 27	32/ 29	16/ 26	30/ 31	26/ 47	31/ 51
77	03/ 49	32/ 39	29/ 47	34/ 40	33/ 58	34/ 37	36/ 40	33/ 30	36/ 21	31/ 37	33/ 39	31/ 42	33/ 58
78	24/ 45	33/ 41	33/ 37	23/ 39	18/ 27	30/ 51	28/ 35	18/ 27	31/ 29	34/ 31	34/ 33	32/ 45	30/ 51
79	32/ 44	32/ 44	29/ 31	30/ 43	33/ 29	30/ 28	35/ 30	29/ 27	12/ 55	34/ 25	26/ 33	32/ 39	12/ 55
80	32/ 30	32/ 32	31/ 43	30/ 40	32/ 26	28/ 50	28/ 44	30/ 48	32/ 24	30/ 29	30/ 36	32/ 43	28/ 50
81	32/ 33	33/ 40	31/ 39	32/ 32	35/ 24	32/ 38	30/ 26	18/ 26	32/ 29	31/ 32	32/ 35	32/ 40	33/ 40
82	14/ 45	26/ 33	33/ 38	31/ 51	32/ 30	32/ 24	29/ 30	30/ 32	15/ 20	33/ 31	29/ 40	30/ 28	31/ 51
83	29/ 33	30/ 31	28/ 35	28/ 39	29/ 29	33/ 25	26/ 37	29/ 27	32/ 26	23/ 25	28/ 36	30/ 46	30/ 46
84	29/ 38	27/ 36	26/ 34	25/ 31	29/ 30	27/ 34	29/ 45	30/ 23	31/ 32	28/ 25	27/ 26	28/ 18	29/ 45
85	30/ 28	28/ 29	29/ 29	29/ 25	34/ 19	29/ 21	16/ 30	29/ 17	33/ 41	31/ 30	30/ 31	29/ 38	33/ 41
86	31/ 39	30/ 32	30/ 39	31/ 34	34/ 31	32/ 31	22/ 32	28/ 39	32/ 20	31/ 28	31/ 46	31/ 33	31/ 46
87	33/ 41	32/ 46	33/ 34	31/ 27	31/ 21	33/ 30	31/ 25	28/ 29	15/ 21	31/ 31	02/*33	31/ 40	32/*46
88	30/ 32	32/*41	32/*34	32/*33	33/ 29	26/ 34	32/ 25	34/ 40	18/ 25	33/ 28	33/ 30	31/ 51	31/*51
89	32/ 31	32/ 25	33/ 39	20/ 29	32/ 34	25/ 36	27/ 26	31/ 17	31/ 29	31/ 23	31/ 41	32/ 43	32/ 43
90	32/ 32	30/ 39											30/*39

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	31/ 67	30/ 56	NW 51	27/ 63	33/ 58	30/ 51	30/ 62	31/ 48	12/ 55	35/ 39	31/ 46	32/ 53	31/ 67
TOTAL OBS	915	823	886	835	886	865	920	902	860	875	824	915	10506

THE PEAK WIND OF 67 FROM 31/ OCCURRED ON 01/26/71

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724077

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.4	16.3	26.8	18.7	14.5	10.9	5.7	4.5	2.0	.1	.1	18.2	16.0	915
FEB	.2	11.9	24.3	20.5	18.1	10.2	7.4	4.0	2.9	.5	.0	19.2	17.0	823
MAR	.0	4.9	22.8	23.8	20.1	12.1	8.9	4.1	3.3	.1	.0	20.6	19.0	886
APR	.0	4.2	21.4	24.9	22.6	12.5	8.3	3.8	1.7	.6	.0	20.5	19.0	835
MAY	.1	8.5	31.5	31.0	16.8	7.7	3.0	.5	.5	.5	.0	17.0	16.0	886
JUN	.0	8.3	43.1	26.1	11.3	5.7	3.1	1.7	.3	.2	.0	16.0	14.0	865
JUL	.1	13.5	47.0	23.7	7.6	4.0	2.0	.9	1.0	.3	.0	14.9	13.0	920
AUG	.3	18.1	45.8	22.7	7.9	3.5	.7	.4	.6	.0	.0	13.9	13.0	902
SEP	.3	18.7	47.0	20.8	8.4	3.0	1.0	.2	.1	.3	.0	13.7	13.0	860
OCT	1.1	16.0	37.0	22.7	13.0	6.4	3.3	.3	.0	.0	.0	15.1	14.0	875
NOV	.4	16.1	27.3	22.2	14.4	9.1	5.9	2.5	1.9	.0	.0	17.5	16.0	824
DEC	2.0	16.9	24.2	20.3	12.6	11.8	6.0	4.0	1.9		.0	17.9	16.0	915
ANNUAL	.4	12.8	33.3	23.1	13.9	8.1	4.6	2.2	1.3	.2	.0	17.0	15.0	10506

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MPR 80 - FEB 90
LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.4	.2									3.4	4.8	4.0
020-040	.9	.1										1.0	2.8	3.0
050-070	.2	.1										.3	4.3	3.0
(E) 080-100	.5	.2										.8	3.4	2.0
110-130	1.3	.2										1.5	2.4	2.0
140-160	2.3	.4										2.7	3.2	3.0
(S) 170-190	2.2	.5										2.7	3.0	3.0
200-220	1.4	.6										2.0	3.7	4.0
230-250	1.2	.3										1.5	3.4	3.5
(W) 260-280	1.9	1.2	.8	.1								4.0	6.0	5.0
290-310	1.9	5.3	2.5	.5								10.2	7.6	7.0
320-340	4.5	5.6	1.8	.3								12.3	6.2	5.0
VARIABLE														
CALM	////////////////////											57.6	////////	
TOTALS	20.1	15.9	5.3	.9								100.0	2.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	1.2										4.0	4.0	4.0
020-040	.9											.9	1.9	2.0
050-070	.2	.2										.4	4.5	4.5
(E) 080-100	.4											.4	1.8	2.0
110-130	1.5											1.5	2.4	2.0
140-160	1.6	.2										1.8	3.3	3.0
(S) 170-190	1.9	.1										2.0	2.6	2.0
200-220	1.4	.2										1.6	3.1	2.0
230-250	1.0	.4										1.4	4.1	4.0
(W) 260-280	1.7	1.3	.2	.3								3.5	5.8	5.0
290-310	3.1	4.0	2.9	.5	.3							10.9	7.8	8.0
320-340	4.9	5.1	2.4	.1	.1							12.6	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											58.9	//////////	
TOTALS	21.4	12.7	5.5	.9	.4							100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	.9	.1									3.2	3.6	3.0
020-040	1.5	.1										1.6	2.5	2.0
050-070	1.2											1.2	2.5	3.0
(E) 080-100	1.0											1.0	2.2	2.0
110-130	2.0	.1										2.2	2.5	2.0
140-160	1.6	.6										2.3	3.2	3.0
(S) 170-190	1.6	.3										1.9	2.8	2.0
200-220	1.9	.5										2.5	3.2	3.0
230-250	.9	.1										1.0	2.9	3.0
(W) 260-280	1.3	1.3	.9	.3								3.8	7.5	6.0
290-310	1.7	4.7	2.7	.3								9.5	7.6	8.0
320-340	5.1	5.6	2.8	.2								13.7	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											56.3	////////////////////////////////	
TOTALS	22.1	14.2	6.5	.8								109.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.0	.6									4.5	5.4	5.0
020-040	1.2	.3	.1									1.6	3.9	3.0
050-070	1.5	.6										2.2	3.6	4.0
(E) 080-100	1.5	.1										1.6	2.2	2.0
110-130	2.4	1.0										3.3	3.2	2.0
140-160	3.3	1.3										4.6	3.7	4.0
(S) 170-190	3.9	2.3										6.1	3.9	4.0
200-220	3.3	1.2										4.5	3.8	4.0
230-250	2.0	1.0	.1									3.1	3.7	3.0
(W) 260-280	1.5	1.1	.5	.4								3.5	6.9	5.0
290-310	2.4	3.9	6.1	1.1	.2							13.7	9.3	10.0
320-340	3.9	7.3	4.0	.6								15.8	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											35.4	////////	
TOTALS	28.7	22.1	11.4	2.1	.2							100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.5	.3									5.5	4.8	5.0
020-040	2.6	1.2										3.8	3.7	4.0
050-070	1.5	.1										1.6	3.1	3.0
(E) 080-100	2.0	.3										2.4	2.8	2.5
110-130	3.2	.8	.3									4.3	3.9	3.0
140-160	4.8	1.5	.2									6.6	3.8	3.0
(S) 170-190	5.6	4.5	.3									10.4	4.6	4.0
200-220	3.8	3.7	.4									7.8	5.0	5.0
230-250	1.6	1.6	.3									3.5	5.2	5.0
(W) 260-280	1.1	2.9	1.0	.9								5.8	8.4	8.0
290-310	3.1	7.5	5.8	1.5	.5	.1						18.6	9.2	8.0
320-340	4.1	7.2	4.4	.9	.4	.1	.1					17.2	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											12.5	////////	
TOTALS	36.1	33.8	13.0	3.3	.9	.2	.1					100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.9	.4									5.3	5.0	4.0
020-040	2.2	.3										2.5	3.2	3.0
050-070	1.7											1.7	1.8	1.5
(E) 080-100	1.8	.2										2.0	2.9	2.0
110-130	2.6	1.0	.4									4.0	4.3	4.0
140-160	5.4	1.7	.2									7.3	3.8	3.0
(S) 170-190	3.8	2.9	.3									7.0	4.5	4.0
200-220	2.9	2.3	.4									5.6	5.0	4.0
230-250	1.4	1.3										2.7	4.8	4.0
(W) 260-280	1.5	1.5	1.3	.4	.1							4.8	8.0	7.0
290-310	2.4	5.1	5.2	3.0	.5							16.1	10.1	10.0
320-340	5.3	6.3	3.3	.6	.1	.1	.1	.1				16.0	7.3	6.0
VARIABLE														
CALM	////////////////////											24.9	////////	
TOTALS	33.9	24.5	11.5	4.0	.7	.1	.1	.1				100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.8	.3									2.9	4.8	4.0
020-040	1.0											1.0	3.4	4.0
050-070	.8											.8	2.3	2.0
(E) 080-100	.9	.5										1.4	4.0	3.0
110-130	1.4	.2										1.6	2.5	2.0
140-160	1.8	.3	.1									2.3	3.9	3.0
(S) 170-190	2.4	.8										3.1	3.3	3.0
200-220	1.5	.8	.1									2.4	4.1	3.5
230-250	.8	.1										.9	3.1	3.0
(W) 260-280	1.1	1.1	.4									2.6	6.0	5.0
290-310	3.0	5.3	3.8	.5								12.6	7.7	8.0
320-340	6.5	3.8	2.7	1.0	.3							14.2	6.9	5.0
VARIABLE														
CALM	////////////////////////////////////											54.4	////////////////////////////////	
TOTALS	23.0	13.7	7.4	1.5	.3							100.0	2.7	4.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.4	.1									4.1	4.1	4.0
020-040	1.3	.2										1.5	3.2	3.5
050-070	.8											.8	2.9	3.0
(E) 080-100	.6	.1										.8	2.4	2.0
110-130	.6	.3										1.0	3.9	3.0
140-160	1.7	.6										2.4	3.4	2.5
(S) 170-190	2.0	.6										2.7	3.4	3.0
200-220	1.6	.8										2.4	3.5	3.5
230-250	1.5											1.5	2.7	3.0
(W) 260-280	1.5	1.2	.6	.3								3.7	6.6	5.5
290-310	3.3	4.5	3.0	.6	.1							11.6	7.6	7.0
320-340	3.7	5.5	2.5	.3	.2							12.2	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											55.6	////////	
TOTALS	21.2	15.2	6.2	1.2	.3							100.0	2.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.5	.3									4.1	4.6	4.0
020-040	1.4	.3	.0									1.7	3.3	3.0
050-070	1.0	.1										1.1	2.9	3.0
(E) 080-100	1.1	.2										1.3	2.8	2.0
110-130	1.9	.4	.1									2.4	3.4	3.0
140-160	2.8	.8	.1									3.7	3.6	3.0
(S) 170-190	2.9	1.5	.1									4.5	3.9	4.0
200-220	2.2	1.3	.1									3.6	4.3	4.0
230-250	1.3	.6	.1									1.9	4.1	4.0
(W) 260-280	1.5	1.4	.7	.3	.0							4.0	7.1	6.0
290-310	2.6	5.0	4.0	1.0	.2	.0						12.9	8.5	8.0
320-340	4.7	5.8	3.0	.5	.1	.0	.0	.0				14.2	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											44.5	////////////////////////////////	
TOTALS	25.7	18.9	8.5	1.8	.3							100.0	3.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.1	1.5										5.6	3.5	3.0
020-040	3.9	.7										4.6	3.0	3.0
050-070	1.9	.7										2.6	3.5	3.0
(E) 080-100	1.8	.2										2.1	2.7	2.0
110-130	3.0	.3										3.3	2.6	2.0
140-160	3.3	1.7	.1									5.2	4.0	3.0
(S) 170-190	2.8	1.5	.2									4.5	4.2	4.0
200-220	2.1	1.0	.1									3.2	4.4	4.0
230-250	1.6	.7										2.3	3.5	3.0
(W) 260-280	1.7	.5										2.2	3.4	3.0
290-310	3.0	3.1	.6	.3								7.0	5.7	5.0
320-340	7.8	4.5	1.7	.1	.1							14.2	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											43.2	//////////	
TOTALS	37.0	16.4	2.7	.4	.1							100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 872

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.8	.7	.1								3.2	5.9	5.0
020-040	1.4	.4										1.8	3.7	4.0
050-070	.2	.1										.4	4.3	4.0
(E) 080-100	.9	.1										1.1	2.8	2.0
110-130	.7	.2	.4	.1								1.4	6.4	3.5
140-160	1.8	.8	.2									2.8	4.1	3.0
(S) 170-190	2.5	.9										3.4	3.7	4.0
200-220	1.7	1.1										2.7	4.0	4.0
230-250	.1	.1	.1									.4	7.7	7.0
(W) 260-280	.7	1.3	.6									2.6	7.0	7.0
290-310	2.1	3.5	1.8	.5	.2	.1						8.3	8.4	7.5
320-340	4.8	5.9	2.0	.6								13.4	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											58.6	////////	
TOTALS	18.4	15.2	5.8	1.3	.2	.1						100.0	2.5	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.5	.4	.1								4.4	5.1	4.0
020-040	1.2	.8										2.0	4.6	4.0
050-070	.9	.1										1.1	3.4	3.0
(E) 080-100	.7											.7	2.0	2.0
110-130	1.1	.2	.5									1.8	5.5	2.0
140-160	1.7	.7	.4	.1								2.8	5.2	4.0
(S) 170-190	2.6	1.2		.1								3.9	4.2	4.0
200-220	1.8	.4	.2									2.4	4.4	4.0
230-250	.5	.2										.7	4.0	4.0
(W) 260-280	.5	.7	.9									2.1	8.4	8.5
290-310	1.9	3.2	2.7	.2	.1							8.2	7.9	7.0
320-340	4.4	5.1	3.0	.5	.2	.1						13.2	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											56.7	////////////////////////////////	
TOTALS	19.7	14.1	8.1	1.0	.3	.1						100.0	2.7	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.5	.1									5.0	3.9	3.0
020-040	1.1	.1										1.2	3.5	3.0
050-070	.6	.7										1.3	3.9	5.0
(E) 080-100	.9	.1										1.1	3.1	3.0
110-130	.9	.5	.4									1.8	5.0	4.0
140-160	1.3	.5	.4									2.1	4.3	3.0
(S) 170-190	1.2	1.3										2.5	4.5	5.0
200-220	2.2	.2	.1									2.6	3.1	2.0
230-250	.9											.9	2.6	2.5
(W) 260-280	.9	1.1	.5	.2								2.7	6.7	5.0
290-310	4.0	3.3	2.7	.7								10.8	7.0	6.0
320-340	4.1	4.7	2.1	.4	.5							11.8	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											56.3	////////////////////////////////	
TOTALS	21.4	14.0	6.3	1.3	.5							100.0	2.5	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.8	.7									6.7	5.2	5.0
020-040	3.0	.9										3.9	3.5	3.0
050-070	2.8	.4										3.2	3.0	2.0
(E) 080-100	2.4	.8										3.2	3.7	3.0
110-130	2.8	.5	.4									3.7	4.1	3.0
140-160	2.6	1.3	.4									4.3	4.6	4.0
(S) 170-190	3.0	3.3	.4									6.6	5.1	5.0
200-220	3.3	3.0	.4									6.6	4.7	4.5
230-250	1.5	.6	.2									2.4	3.9	3.0
(W) 260-280	.7	.4	1.5	.5								3.1	9.5	10.0
290-310	2.2	4.5	3.5	1.1	.5							11.8	8.9	8.0
320-340	4.5	7.6	4.3	.6	.5							17.4	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											27.2	//////////	
TOTALS	32.0	26.1	11.8	2.2	1.0							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.7	.6									8.4	4.9	5.0
020-040	2.7	.7										3.4	3.5	3.0
050-070	2.7	.8										3.5	3.1	3.0
(E) 080-100	2.2	.7	.1									3.1	3.4	2.5
110-130	2.4	1.5	.2									4.1	4.8	4.0
140-160	3.2	3.4	.8									7.4	5.1	5.0
(S) 170-190	3.8	5.3	.6									9.7	5.5	6.0
200-220	3.7	3.7	.7									8.0	5.2	5.0
230-250	2.1	1.9	.1									4.1	4.6	4.0
(W) 260-280	.9	2.0	1.2	.7	.1							5.0	8.9	8.0
290-310	1.5	4.0	4.1	1.5	.4							11.6	9.6	10.0
320-340	3.9	8.9	4.7	.6	.5							18.6	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////	
TOTALS	33.2	36.6	13.1	2.8	1.0							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.0	.6									6.9	5.0	5.0
020-040	2.8	.8										3.7	3.7	4.0
050-070	2.1	.4										2.5	3.2	3.0
(E) 080-100	2.6	.6										3.2	3.3	3.0
110-130	3.0	1.8	.5									5.2	4.9	4.0
140-160	5.3	3.4	.2									9.0	4.4	4.0
(S) 170-190	4.4	2.6	.6									7.6	4.7	4.0
200-220	2.8	1.8	.4									5.0	4.6	4.0
230-250	2.0	1.7	.1									3.8	4.7	4.0
(W) 260-280	1.8	1.9	2.1	.7	.4							6.9	9.1	8.0
290-310	2.1	4.0	3.3	.7								10.2	8.4	8.0
320-340	5.1	6.9	4.5	1.1	.5							18.0	7.7	7.0
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	37.3	28.9	12.3	2.5	.9							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	W ND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	2.1	.1									6.6	4.0	4.0
020-040	1.1	.5										1.8	3.6	3.0
050-070	1.4	.1										1.5	2.2	2.0
(E) 080-100	2.4											2.4	2.0	2.0
110-130	2.0	1.2	.2									3.4	4.3	3.0
140-160	2.8	.8										3.7	3.2	2.0
(S) 170-190	1.9	1.4	.1									3.4	4.7	4.0
200-220	2.1	.6										2.7	3.1	3.0
230-250	.5	.1										.6	3.8	4.0
(W) 260-280	1.1	1.1	.7	.5								3.3	8.0	7.5
290-310	2.3	3.9	2.5	.4	.2							9.2	8.0	8.0
320-340	4.9	5.7	1.7	1.2	.5							13.9	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											47.4	////////////////////////////////	
TOTALS	27.1	17.5	5.3	2.1	.7							100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.1		.4								3.4	5.2	4.0
020-040	1.4	.7										2.1	3.9	4.0
050-070	.6	.2										.8	3.7	4.0
(E) 080-100	1.3	.7										2.0	3.5	3.0
110-130	1.5	.9	.2									2.7	5.0	4.0
140-160	2.3	1.3										3.6	4.1	4.0
(S) 170-190	2.6	.9										3.6	3.8	4.0
200-220	.4	.5	.1									.9	5.3	5.0
230-250	.4	.4	.1									.8	5.6	5.0
(W) 260-280	.8	.8	.7	.4								2.7	8.2	8.0
290-310	1.8	3.9	3.3	.5		.1						9.6	8.1	8.0
320-340	3.1	5.1	2.7	1.1	.5	.1						12.6	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											55.0	////////	
TOTALS	18.2	16.5	7.1	2.4	.5	.2						100.0	3.0	6.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.0	2.1	.4	.1							5.6	4.8	4.0
020-040	1.9	.6									2.5	3.7	3.0
050-070	1.4	.4									1.8	3.2	3.0
(E) 080-100	1.7	.4	.0								2.1	3.1	3.0
110-130	1.8	.9	.3	.0							3.0	4.8	4.0
140-160	2.6	1.5	.3	.0							4.5	4.4	4.0
(S) 170-190	2.7	2.1	.2	.0							5.1	4.7	4.0
200-220	2.2	1.4	.2								3.9	4.5	4.0
230-250	1.0	.6	.1								1.7	4.4	4.0
(W) 260-280	.9	1.2	1.0	.4	.1						3.5	8.4	8.0
290-310	2.2	3.8	3.0	.7	.2	.0					10.0	8.3	8.0
320-340	4.3	6.2	3.1	.7	.4	.0					14.8	7.5	6.0
VARIABLE													
CALM	////////////////////////////////////										41.6	////////////////////////////////	
TOTALS	25.7	21.2	8.6	1.9	.7						100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	1.6	.2									5.9	4.4	4.0
020-040	5.2	1.6										6.8	3.7	4.0
050-070	2.5	1.0										3.5	3.7	4.0
(E) 080-100	3.4	1.0										4.4	3.4	3.0
110-130	3.4	2.0	.8									6.2	5.1	4.0
140-160	2.4	2.3	.8									5.4	5.3	5.0
(S) 170-190	2.5	2.0	.1									4.6	4.3	4.0
200-220	1.5	.5	.1									2.0	3.7	2.5
230-250	.7	.2										.9	3.4	3.0
(W) 260-280	1.0	.1										1.1	3.0	2.5
290-310	2.9	1.6	.3	.1								5.0	4.5	3.5
320-340	5.4	1.4	.2	.1								7.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											46.9	////////////////////////////////	
TOTALS	35.0	1.3	2.5	.2								100.0	2.2	4.0

TOTAL NUMBER OF OBSERVATIONS 883

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.4	.1									4.9	4.0	3.0
020-040	1.1	.9	.1									2.0	4.6	4.0
050-070	.8	.5	.1									1.4	4.3	4.0
(E) 080-100	1.2	.6	.2									2.0	4.6	4.0
110-130	1.3	.4										1.7	3.7	3.5
140-160	2.3	1.4	.1									3.8	4.6	4.0
(S) 170-190	2.5	2.0	.2	.2								4.9	5.3	4.5
200-220	1.0	1.1	.1		.1							2.3	5.9	5.0
230-250	1.0	.5										1.5	4.0	3.5
(W) 260-280	.4	2.4	.3	.1								3.2	7.0	7.0
290-310	3.4	2.3	2.6	.2	.3							8.8	7.2	6.0
320-340	4.4	3.4	2.3	1.0								11.1	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											52.3	////////	
TOTALS	22.8	16.9	6.1	1.5	.4							100.0	2.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.3	.1									4.0	4.2	4.0
020-040	2.7	.4	.2									3.3	3.4	3.0
050-070	.5	.2										.8	3.3	3.0
(E) 080-100	.3	.2										.5	4.2	3.0
110-130	.6	.4										1.1	3.9	3.5
140-160	1.9	1.5	.1									3.5	4.9	4.0
(S) 170-190	1.8	2.5	.8	.2								5.3	6.3	6.0
200-220	1.2	.6	.2	.1								2.2	5.4	4.0
230-250	.3	.8	.1									1.2	5.8	6.0
(W) 260-280	.9	1.1	.2	.4								2.6	7.5	6.0
290-310	2.6	3.8	1.4	.4								8.2	6.9	6.0
320-340	4.1	4.6	2.6	.2	.1	.1						11.7	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											55.7	////////////////////////////////	
TOTALS	19.5	17.4	5.7	1.3	.1	.1						100.0	2.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.2	.4									6.1	5.2	5.0
020-040	2.7	1.1	.1									3.9	3.8	3.0
050-070	1.3	.4										1.7	3.1	3.0
(E) 080-100	1.8	.2										2.0	3.1	3.0
110-130	.6	.1										.8	3.0	3.0
140-160	2.0	1.6	.3									4.0	4.5	4.0
(S) 170-190	2.0	2.7	.4									5.2	5.4	5.0
200-220	1.6	1.5	.1									3.2	5.0	4.5
230-250	1.5	.5										2.0	3.5	3.0
(W) 260-280	1.3	.8	.4	.2								2.7	6.7	6.0
290-310	1.7	4.0	2.3	.5	.1							8.6	8.1	8.0
320-340	5.5	6.0	2.3	.2	.2							14.2	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											45.6	////////////////////////////////	
TOTALS	24.5	22.1	6.3	.9	.3							100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.3	1.4									9.0	5.8	6.0
020-040	3.2	2.0	.2									5.5	4.3	4.0
050-070	4.7	1.1										5.8	3.3	3.0
(E) 080-100	2.7	1.0	.2									3.9	4.0	3.5
110-130	1.7	1.0										2.7	4.2	4.0
140-160	2.6	1.8	.4									4.8	5.1	4.0
(S) 170-190	3.7	4.8	1.0									9.5	5.7	5.0
200-220	2.0	4.8	1.0									7.8	6.1	6.0
230-250	.9	1.4	.3									2.6	5.4	5.5
(W) 260-280	.4	2.0	1.4	.6	.2							4.7	10.0	9.0
290-310	1.5	4.9	5.1	.9	.1							12.5	9.2	9.0
320-340	4.0	7.8	5.1	1.3	.4	.1						18.7	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											12.5	////////	
TOTALS	30.7	36.9	16.1	2.8	.7	.1						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	4.1	1.9	.1								9.9	6.1	5.0
020-040	3.5	1.8	.1									5.5	4.0	4.0
050-070	1.8	.8										2.6	3.6	3.0
(E) 080-100	2.3	.9										3.1	3.8	4.0
110-130	1.6	2.3										3.9	5.1	5.0
140-160	3.2	4.4	.6	.2								8.5	5.8	5.0
(S) 170-190	1.9	5.7	3.0	.3								11.0	7.6	8.0
200-220	1.5	3.7	1.6									6.8	7.0	7.0
230-250	1.0	2.2	.9	.1								4.1	6.7	6.5
(W) 260-280	1.3	2.3	1.7	.2	.1							5.6	8.1	7.5
290-310	1.8	4.9	5.8	2.4	.3							15.3	9.9	10.0
320-340	3.3	5.8	6.3	1.5	.4							17.4	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	27.0	38.9	21.9	4.8	.8							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.2	1.1	.3								8.9	6.3	6.0
020-040	2.3	1.1	.1									3.4	4.2	4.0
050-070	1.6	.8										2.4	3.5	3.0
(E) 080-100	2.2	1.6										3.8	4.3	4.0
110-130	2.0	2.2										4.2	4.8	5.0
140-160	4.1	4.6	.8									9.5	5.6	5.0
(S) 170-190	3.7	6.0	1.7									11.4	6.2	6.0
200-220	.9	2.7	1.7	.1								5.4	7.6	7.0
230-250	.6	1.4	.5									2.6	6.5	6.0
(W) 260-280	1.5	2.4	2.6	.5	.1							7.1	8.7	8.0
290-310	1.3	4.7	6.3	1.3	.3							14.0	9.8	10.0
320-340	2.9	8.5	5.7	1.1	.4							18.6	8.4	8.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	26.4	40.2	20.5	3.3	.8							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.3	.3	.1								7.5	5.0	4.5
020-040	2.3	.3										2.6	3.2	3.0
050-070	1.4	.2										1.6	2.8	3.0
(E) 080-100	1.6	1.1	.1									2.8	4.5	4.0
110-130	3.0	1.3	.1									4.4	3.8	3.0
140-160	3.5	4.7	.2									8.5	5.0	5.0
(S) 170-190	3.8	2.4	.1									6.2	4.2	4.0
200-220	1.1	1.3	.1									2.5	5.2	5.0
230-250	.5	.4	.2									1.2	6.0	6.0
(W) 260-280	.8	2.2	.4	.3								3.7	7.5	7.0
290-310	1.9	5.4	3.0	.3	.6							11.3	8.4	8.0
320-340	5.5	5.2	4.0	.8	.4							15.8	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////	
TOTALS	29.2	27.8	8.5	1.5	1.0							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.4	1.0	.1								6.5	5.3	5.0
020-040	1.2	.3										1.5	3.2	3.0
050-070	1.1	.3										1.4	3.5	3.0
(E) 080-100	1.9	.9	.1									2.9	4.1	4.0
110-130	1.5	.5	.2									2.3	4.2	3.0
140-160	2.7	2.5										5.2	4.5	4.0
(S) 170-190	3.4	2.0	.6									6.1	4.8	4.0
200-220	1.1	.9	.2									2.2	5.1	4.5
230-250	1.4	.4										1.8	3.6	4.0
(W) 260-280	1.2	1.4	.8									3.3	6.3	6.0
290-310	2.0	2.7	2.5	.4								7.6	7.6	7.0
320-340	3.0	4.5	2.0	1.1	.1							10.8	7.5	6.5
VARIABLE														
CALM	////////////////////////////////////											48.5	////////	
TOTALS	23.5	18.8	7.4	1.6	.1							100.0	3.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.0	.8	.1								7.1	5.4	5.0
020-040	2.4	1.0	.1									3.5	3.9	4.0
050-070	1.7	.5	.0									2.2	3.4	3.0
(E) 080-100	1.7	.8	.1									2.6	4.1	4.0
110-130	1.6	1.0	.0									2.6	4.3	4.0
140-160	2.8	2.8	.3	.0								6.0	5.1	5.0
(S) 170-190	2.8	3.5	1.0	.1								7.4	5.9	6.0
200-220	1.3	2.1	.6	.0	.0							4.0	6.3	6.0
230-250	.9	1.0	.3	.0								2.1	5.4	5.0
(W) 260-280	1.0	1.8	1.0	.3	.1							4.1	8.0	7.0
290-310	2.0	4.1	3.6	.8	.2							10.8	8.7	8.0
320-340	4.1	5.7	3.8	.9	.3	.0						14.8	7.8	7.0
VARIABLE														
CALM	////////////////////											32.7	////////	
TOTALS	25.5	27.3	11.6	2.2	.6							100.0	4.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.5	3.6	.8								10.0	5.0	4.0
020-040	5.9	4.1	.2								10.2	4.3	4.0
050-070	2.9	1.9	.1								4.9	4.0	4.0
(E) 080-100	4.2	2.0	.4								6.6	4.2	4.0
110-130	2.9	1.4	.2								4.6	4.3	4.0
140-160	3.8	3.6	.8								8.2	5.3	5.0
(S) 170-190	2.2	2.0	.2								4.5	5.0	4.5
200-220	.8	.9									1.8	4.7	5.0
230-250	.7	.5									1.2	4.2	4.0
(W) 250-280	.6	.9	.4								1.9	6.4	6.0
290-310	.6	.6	.6								1.8	6.7	6.0
320-340	3.4	3.4	.8	.5							8.1	6.2	6.0
VARIABLE													
CALM	////////////////////////////////////										36.2	////////	
TOTALS	33.5	24.9	4.5	.5							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 850

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.6	.3									3.3	5.6	6.0
020-040	2.0	.6										2.6	3.3	4.0
050-070	2.2	.8										3.0	3.1	2.0
(E) 080-100	2.6	.2										2.8	2.5	2.0
110-130	1.3	.9	.1									2.3	4.5	4.0
140-160	3.2	1.9										5.1	4.1	4.0
(S) 170-190	1.8	2.1	.1									4.0	4.6	5.0
200-220	1.3	.7										2.0	4.0	3.5
230-250	.9	.7										1.6	4.4	4.0
(W) 260-280	1.3	1.0	.3	.3								3.0	6.8	5.0
290-310	1.4	2.4	1.3	.8								6.0	8.2	6.5
320-340	3.2	3.7	2.0	.2								9.1	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											55.2	////////////////////////////////	
TOTALS	22.6	16.6	4.1	1.3								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.2	.1									4.8	3.8	4.0
020-040	2.2	.3										2.6	2.4	2.0
050-070	1.6	.3										1.9	3.0	2.0
(E) 080-100	1.7	.1										1.8	3.0	3.5
110-130	1.0	.3										1.3	3.6	3.0
140-160	2.4	1.0	.1									3.6	4.3	4.0
(S) 170-190	1.8	1.9	.2									3.9	4.9	5.0
200-220	1.0	.3										1.3	3.8	3.0
230-250	.6	.4										1.0	4.0	4.0
(W) 260-280	1.2	.7	.3	.1								2.3	6.4	4.0
290-310	1.6	1.2	1.7	.2								4.7	7.8	8.0
320-340	3.2	4.1	1.3	.4								9.1	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											61.8	////////	
TOTALS	21.7	11.8	3.7	.7								100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 35~010	2.7	1.4		.1								4.2	4.4	4.0
020-040	2.1	.6										2.7	3.3	2.0
050-070	1.8	.6	.1									2.4	3.5	2.5
(E) 080-100	2.7											2.7	2.4	2.0
110-130	1.6	.4	.2									2.2	4.1	3.0
140-160	1.8	1.0										2.8	4.0	4.0
(S) 170-190	2.9	2.8	.2									5.9	4.8	5.0
200-220	1.7	.8	.2									2.7	4.5	4.0
230-250	1.2	.3	.1									1.7	4.0	3.0
(W) 260-280	1.7	1.4	.4	.3	.1							4.0	7.0	6.0
290-310	2.3	2.2	2.3	.3								7.2	7.4	7.0
320-340	4.2	4.6	2.3	.2	.1							11.4	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											50.1	////////////////////////////////	
TOTALS	26.7	16.1	5.8	.9	.2							100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.1	.4									7.1	4.9	4.5
020-040	3.7	.9										4.6	3.7	3.0
050-070	2.4	.9										3.3	4.0	4.0
(E) 080-100	2.9	.9										3.8	3.4	3.0
110-130	2.2	2.1										4.3	4.6	4.0
140-160	4.0	3.0	.6									7.6	4.9	4.0
(S) 170-190	3.1	4.8	.8									8.7	5.7	6.0
200-220	2.4	3.4	1.1									7.0	6.1	6.0
230-250	.8	1.8	.3									2.9	6.0	6.0
(W) 260-280	1.9	3.4	1.0	.6								6.9	7.1	6.0
290-310	3.3	5.1	4.2	1.4	.3							14.4	8.7	8.0
320-340	3.3	6.4	5.6	.8	.2		.2					16.6	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////////////////////////////	
TOTALS	33.6	35.8	14.0	2.8	.5		.2					100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.6	.9									6.2	5.9	5.0
020-040	4.0	.9										4.9	3.4	3.0
050-070	3.0	1.0										4.0	3.8	4.0
(E) 080-100	2.1	1.6	.1									3.8	3.9	4.0
110-130	2.6	3.0	.4									6.0	5.5	5.0
140-160	2.6	4.8	1.4									8.8	6.4	7.0
(S) 170-190	2.3	6.1	2.2									10.7	7.1	7.0
200-220	1.6	4.0	1.8									7.3	6.9	7.0
230-250	1.0	2.4	.8									4.2	6.3	6.0
(W) 260-280	1.6	3.2	2.2	.4	.1							7.6	8.2	8.0
290-310	1.7	4.9	5.7	1.4	.2	.2						14.1	9.9	10.0
320-340	2.7	5.8	4.6	.9	.7	.2	.1					14.9	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////////	
TOTALS	28.0	40.3	20.1	2.7	1.0	.4	.1					100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.6	.7									5.8	5.4	5.0
020-040	3.2	1.0										4.2	3.6	3.0
050-070	2.6	1.3										3.9	4.1	4.0
(E) 080-100	3.2	1.4	.1									4.8	4.0	4.0
110-130	3.6	2.9	.3	.2								7.0	5.0	4.0
140-160	2.1	5.1	1.8									9.0	6.8	7.0
(S) 170-190	2.8	4.6	1.3	.1								8.8	6.3	6.0
200-220	1.2	2.9	2.3	.1								6.6	7.7	8.0
230-250	1.3	2.2	1.1	.1								4.8	6.8	6.0
(W) 260-280	2.0	3.0	1.9	.1	.1							7.1	7.5	8.0
290-310	1.0	3.3	5.9	1.8	.1	.2						12.3	10.9	10.0
320-340	4.0	5.3	4.9	1.1	.6	.2						16.1	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////	
TOTALS	29.6	35.6	20.3	3.5	.8	.4						100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.4	.4									5.6	5.0	5.0
020-040	1.7	.7										2.3	3.4	3.0
050-070	1.8	1.2										3.0	4.4	4.0
(E) 080-100	3.7	1.9	.1									5.7	3.9	4.0
110-130	3.1	2.6	.6									6.2	4.9	4.5
140-160	4.3	4.4	1.0									9.8	5.4	5.0
(S) 170-190	3.2	2.2	.1									5.6	4.6	4.0
200-220	.9	1.1	.1									2.1	5.2	5.0
230-250	.8	1.0	.1									1.9	5.6	5.0
(W) 260-280	1.0	1.6	.4	.1								3.1	6.4	6.0
290-310	1.7	4.0	4.0	.7	.1							10.4	8.7	8.0
320-340	3.0	4.7	1.9	.9	.1	.1						10.7	7.7	6.0
VARIABLE														
CALM	////////////////////////////////////											33.7	////////	
TOTALS	27.9	27.8	8.7	1.7	.2	.1						100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.8	.8									4.4	5.4	5.0
020-040	2.1	.4										2.6	3.1	3.0
050-070	1.4	.3										1.8	3.6	3.5
(E) 080-100	3.2	1.4	.2									4.9	4.2	4.0
110-130	2.9	1.2	.1									4.2	4.2	4.0
140-160	4.2	3.2	.7									8.1	4.8	4.0
(S) 170-190	2.1	1.7	.1									3.9	4.5	4.0
200-220	1.0	.8										1.8	4.1	4.0
230-250	1.0	.3										1.3	3.7	3.0
(W) 260-280	1.1	1.3	.1	.3								2.9	6.0	5.0
290-310	2.2	3.7	1.3	1.0								8.2	7.7	7.0
320-340	2.4	3.2	1.9		.1	.1						7.8	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											48.1	////////	
TOTALS	25.5	19.3	5.2	1.3	.1	.1						100.0	2.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.1	.5	.0								5.2	5.1	4.0
020-040	2.6	.7										3.3	3.3	3.0
050-070	2.1	.8	.0									2.9	3.7	4.0
(E) 080-100	2.8	.9	.1									3.8	3.6	3.0
110-130	2.3	1.7	.2	.0								4.2	4.8	4.0
140-160	3.1	3.1	.7									6.8	5.4	5.0
(S) 170-190	2.5	3.3	.6	.0								6.4	5.6	5.0
200-220	1.4	1.8	.7	.0								3.8	6.1	6.0
230-250	.9	1.2	.3	.0								2.4	5.7	5.0
(W) 260-280	1.5	2.0	.8	.3	.0							4.6	7.2	6.0
290-310	1.9	3.4	3.3	1.0	.1	.1						9.7	8.9	8.0
320-340	3.3	4.7	3.1	.6	.2	.1	.0					12.0	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											34.9	////////////////////////////////	
TOTALS	27.0	25.7	10.3	1.9	.3	.2						100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	4.7	2.1										6.8
020-040	8.2	2.0										10.2
050-070	6.5	3.1	.1									9.8
(E) 080-100	8.5	3.0	.1									11.6
110-130	3.1	.9	.1									4.2
140-160	2.0	1.2	.4									3.5
(S) 170-190	1.7	1.0	.1									2.9
200-220	1.2	.8										2.0
230-250	.8	.1										.9
(W) 260-280	.9	.8										1.7
290-310	1.2	.9	1.3	.1								3.5
320-340	4.6	3.1	.7	.1								8.5
VARIABLE												
CALM	////////////////////////////////////										34.3	////////////////////////////////
TOTALS	43.4	19.0	2.8	.2								100.0

TOTAL NUMBER OF OBSERVATIONS 764

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.4	.5										2.9	3.1	3.0
020-040		1.3											1.3	2.6	3.0
050-070		.2											.2	3.0	3.0
(E) 080-100		1.4	.3	.1									1.8	3.2	2.0
110-130		2.8	.4										3.2	3.1	3.0
140-160		3.5	2.3	.1									5.9	4.3	4.0
(S) 170-190		.9	.5										1.4	4.1	4.0
200-220		.9	.3										1.2	3.5	3.0
230-250		.2	.3										.5	4.6	5.0
(W) 260-280		1.0	.8										1.7	3.8	3.5
290-310		2.7	1.1	.4									4.2	4.7	4.0
320-340		3.7	1.8		.1								5.6	4.3	4.0
VARIABLE															
CALM		////////////////////////////////////											70.0	////////	
TOTALS		21.0	8.3	.6	.1								100.0	1.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.3										2.5	2.7	2.0
020-040	1.4											1.4	2.1	2.0
050-070	.3	.2										.5	2.8	1.0
(E) 080-100	.6	.1										.8	3.1	3.0
110-130	1.5	.1										1.6	2.7	3.0
140-160	3.3	2.3										5.6	4.1	4.0
(S) 170-190	1.6	.5										2.2	3.9	4.0
200-220	1.0	.3										1.3	3.6	4.0
230-250	.2											.2	1.5	1.5
(W) 260-280	.8	.3										1.1	3.9	3.0
290-310	2.7	1.6	.3									4.6	4.9	4.0
320-340	4.5	1.4										5.9	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											72.4	////////////////////////////////	
TOTALS	20.1	7.1	.3									100.0	1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FORT BELVOIR/DAVISON AFB VA
LSI TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	.4										4.2	2.9	2.0
020-040	1.7	.1										1.8	2.4	2.0
050-070	.6	.2										.9	2.9	2.5
(E) 080-100	.8	.4										1.2	3.5	4.0
110-130	3.8	.3										4.1	2.6	2.0
140-160	4.2	2.2	.1									6.5	4.0	4.0
(S) 170-190	3.8	1.0	.1									4.8	3.8	4.0
200-220	2.0	.5										2.6	3.2	3.0
230-250	1.2	.3										1.5	3.4	3.0
(W) 260-280	1.0	1.1										2.0	4.8	5.0
290-310	3.5	3.1	.4									7.1	4.9	4.5
320-340	6.3	4.4	.6									11.4	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											51.9	////////////////////////////////	
TOTALS	32.7	14.0	1.2									100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	1.7	.1									7.0	3.9	4.0
020-040	2.9	1.0										3.9	3.4	3.0
050-070	2.5											2.5	2.4	2.0
(E) 080-100	3.2	.2										3.4	2.9	3.0
110-130	4.3	2.2										6.5	3.9	4.0
140-160	7.2	4.3	.2	.1								11.8	4.5	4.0
(S) 170-190	6.7	5.1	.4									12.2	4.6	4.0
200-220	3.8	2.6	.1									6.5	4.1	4.0
230-250	.5	.9	.1									1.5	5.1	5.5
(W) 260-280	1.9	1.5	.4	.1								4.0	5.6	5.0
290-310	3.8	6.0	2.0	.3								12.2	6.4	6.0
320-340	4.3	5.7	1.2	.1								11.3	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											17.4	////////	
TOTALS	46.3	31.2	4.5	.6								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	1.9	.5									8.2	4.3	4.0
020-040	2.5	.5										3.0	3.1	3.0
050-070	1.3											1.3	2.3	2.0
(E) 080-100	3.5	.4	.1									4.1	3.3	3.0
110-130	4.3	3.3	.2									7.8	4.5	4.0
140-160	5.7	8.2	.2									14.1	5.2	5.0
(S) 170-190	4.6	7.8	1.3									13.8	5.7	6.0
200-220	3.1	5.1	.3									8.5	5.4	6.0
230-250	1.8	1.9	.1									3.9	5.1	5.5
(W) 260-280	1.2	1.7	.8									3.7	6.4	6.0
290-310	2.8	4.8	2.9	.5								11.1	7.3	7.0
320-340	4.2	6.3	2.2									12.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											8.0	////////	
TOTALS	40.7	41.9	8.6	.5								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.6	.3									6.7	4.5	4.0
020-040	1.6											1.6	2.3	2.0
050-070	.6											.6	2.2	2.0
(E) 080-100	3.5	.3										3.9	2.4	2.0
110-130	5.2	3.0										8.2	4.1	4.0
140-160	8.7	7.7	.6									17.1	4.9	4.0
(S) 170-190	5.8	6.7	1.0									13.4	5.2	5.0
200-220	2.2	2.3										4.4	4.6	5.0
230-250	2.4	1.8	.1									4.3	4.6	4.0
(W) 260-280	1.8	2.4	.5	.1								4.8	6.1	6.0
290-310	2.0	6.3	2.3	.1								10.8	7.1	7.0
320-340	3.8	5.7	3.1	.1								12.7	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											11.5	////////	
TOTALS	41.4	38.8	7.9	.3								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43	50-64	GE 65			
(N) 350-010	1.0	.6	.1									1.7	4.6	4.0
020-040	1.2	.2										1.4	2.8	2.0
050-070	1.2	.1										1.3	2.3	2.0
(E) 080-100	1.6	.2										1.8	2.6	2.0
110-130	7.2	1.5	.2									8.9	3.3	3.0
140-160	6.9	2.9	.5									10.3	4.2	4.0
(S) 170-190	4.3	1.4	.1									5.8	3.5	3.0
200-220	1.8	.6										2.5	3.3	3.0
230-250	1.1	.1	.1									1.3	3.3	2.0
(W) 260-280	1.3	.9										2.2	4.5	4.0
290-310	2.3	3.3	.6	.1								6.3	5.9	6.0
320-340	3.7	3.3	1.1	.1								8.2	5.6	5.0
VARIABLE														
CALM	////////////////////											48.3	////////	
TOTALS	33.6	15.1	2.7	.2								100.0	2.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.8	.2	.1								2.5	4.9	4.0
020-040	1.3											1.3	2.8	3.0
050-070	.5											.5	2.8	3.0
(E) 080-100	1.4	.2										1.6	2.9	2.0
110-130	5.3	.9	.1									6.2	3.3	3.0
140-160	3.8	1.9	.1									5.8	4.1	4.0
(S) 170-190	2.0	.5	.2									2.8	4.1	3.5
200-220	.8	.2										1.0	3.0	2.0
230-250	.5	.2										.8	4.6	4.0
(W) 260-280	1.4	1.0	.1									2.5	4.4	4.0
290-310	2.3	1.9	.2	.1								4.5	5.1	4.5
320-340	2.5	1.4	.6									4.5	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											66.0	////////	
TOTALS	23.2	9.0	1.5	.2								100.0	1.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.1	.2	.0								4.4	3.9	4.0
020-040	1.7	.2										2.0	2.8	3.0
050-070	.9	.1										1.0	2.5	2.0
(E) 080-100	2.0	.3	.0									2.3	3.0	2.0
110-130	4.3	1.5	.1									5.8	3.6	3.0
140-160	5.4	4.0	.2	.0								9.6	4.6	4.0
(S) 170-190	3.7	2.9	.4									7.0	4.8	4.0
200-220	1.9	1.5	.1									3.5	4.4	4.0
230-250	1.0	.7	.1									1.7	4.5	4.0
(W) 260-280	1.3	1.2	.2	.0								2.7	5.3	5.0
290-310	2.8	3.5	1.2	.1								7.6	6.1	6.0
320-340	4.1	3.8	1.1	.1								9.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											43.2	////////////////////////////////	
TOTALS	32.3	20.8	3.6	.2								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	6.2	.4										6.5	2.3	2.0
020-040	6.5	.2										6.8	2.4	2.0
050-070	4.4	.4										4.7	2.4	2.0
(E) 080-100	5.7	.7										6.4	2.6	2.0
110-130	6.6	.9										7.6	2.9	3.0
140-160	5.6	3.4	.5									9.5	4.6	4.0
(S) 170-190	2.8	.9	.1									3.9	4.0	4.0
200-220	.7	.5										1.2	4.3	4.0
230-250	.4											.4	1.7	2.0
(W) 260-280	.1	.2	.1									.5	6.5	6.5
290-310	1.7	.8	.2									2.7	4.9	4.0
320-340	4.0	2.4	.5									6.9	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											42.9	////////	
TOTALS	44.7	10.8	1.4									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1	.1		.1							.9	5.8	3.0
020-040	.4											.4	1.5	1.5
050-070	.2											.2	2.0	2.0
(E) 080-100	.8	.1										.9	2.6	2.0
110-130	1.1	.2										1.3	2.8	2.5
140-160	4.4	1.0										5.4	3.1	2.0
(S) 170-190	1.9	1.2										3.1	4.1	4.0
200-220	1.2	.4										1.7	3.9	4.0
230-250	1.1	.1										1.2	2.8	2.0
(W) 260-280	.7	.2										.9	3.6	4.0
290-310	1.3	1.0	.1									2.4	4.5	4.0
320-340	3.1	.9	.1									4.1	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											77.3	////////////////////////////////	
TOTALS	16.8	5.2	.3		.1							100.0	.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3										.9	3.8	3.5
020-040	1.1	.2										1.3	2.6	2.0
050-070	.1											.1	2.0	2.0
(E) 080-100	.6											.6	3.6	4.0
110-130	1.4	.2										1.7	2.8	2.0
140-160	1.9	.1										2.0	2.4	2.0
(S) 170-190	1.7	.8										2.4	3.7	3.5
200-220	2.0	.9										2.9	4.0	4.0
230-250	.8											.8	2.3	2.0
(W) 260-280	.6	.3										.9	4.3	4.0
290-310	2.2	.8										3.0	3.4	2.0
320-340	2.9	1.0	.2									4.1	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											79.3	////////////////////////////////	
TOTALS	15.9	4.6	.2									100.0	.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.9	.4										2.3	2.8	2.0
020-040		1.7	.2										1.9	2.6	2.0
050-070		.8											.8	2.7	3.0
(E) 080-100		.9											.9	2.6	2.0
110-130		2.3	.3										2.7	2.6	2.0
140-160		2.3	.4										2.8	2.8	2.0
(S) 170-190		3.3	1.3										4.7	3.6	3.0
200-220		4.9	1.6	.1									6.6	3.5	3.0
230-250		1.6	.6										2.1	3.3	2.0
(W) 260-280		1.2	.6	.1									1.9	3.9	3.0
290-310		4.2	1.9										6.1	3.7	3.0
320-340		5.8	3.0	.9									9.7	4.4	4.0
VARIABLE															
CALM		////////////////////////////////////											57.7	////////////////////////////////	
TOTALS		30.9	10.3	1.1									100.0	1.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.1		.1								4.4	4.0	4.0
020-040	2.2	.1										2.3	2.5	2.0
050-070	1.6	.1										1.7	2.2	2.0
(E) 080-100	2.3	.1										2.4	2.5	2.0
110-130	4.2	1.0	.1									5.3	3.3	2.5
140-160	7.1	3.0	.3									10.4	4.1	4.0
(S) 170-190	5.2	5.6	.2									11.0	4.7	5.0
200-220	6.0	3.0	.2									9.2	4.2	4.0
230-250	3.4	1.8										5.2	3.9	4.0
(W) 260-280	4.2	1.7	.8									6.7	4.8	4.0
290-310	3.6	6.8	.6	.1	.1							11.1	5.9	5.0
320-340	5.3	5.9	2.3									13.6	5.7	5.0
VARIABLE														
CALM	////////////////////											16.6	////////	
TOTALS	48.3	30.2	4.5	.2	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.3	.2									3.8	4.2	4.0
020-040	2.0	.3										2.3	2.6	2.0
050-070	.7	.1										.8	2.7	2.0
(E) 080-100	2.4	.3										2.8	3.0	3.0
110-130	4.0	2.4										6.4	4.0	4.0
140-160	6.0	6.1	.2									12.3	4.7	5.0
(S) 170-190	5.6	6.7	1.0									13.2	5.5	5.0
200-220	3.6	5.6	.2									9.3	5.3	6.0
230-250	3.7	2.9	.1									6.7	4.6	4.0
(W) 260-280	3.4	3.9	.6									7.9	5.6	6.0
290-310	3.9	6.7	2.0	.2								12.8	6.6	6.0
320-340	4.2	6.1	2.0	.2								12.6	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											9.1	////////	
TOTALS	41.7	42.4	6.3	.4								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.0										4.0	3.6	4.0
020-040	.7	.1										.8	3.4	3.0
050-070	.7	.1										.8	3.3	2.0
(E) 080-100	2.4	1.0										3.4	3.7	4.0
110-130	5.3	2.4										7.8	3.8	4.0
140-160	7.8	5.6	.2									13.6	4.2	4.0
(S) 170-190	6.8	7.2	.3									14.3	4.8	5.0
200-220	4.3	4.9	.2									9.4	5.1	5.0
230-250	3.1	1.8	.1									5.0	4.3	4.0
(W) 260-280	3.0	3.1	.2									6.3	4.8	5.0
290-310	3.8	6.7	1.8	.3								12.6	6.5	6.0
320-340	4.1	4.3	1.3	.2	.1							10.1	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////	
TOTALS	45.0	38.2	4.1	.5	.1							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: TT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.4	.1									2.6	3.7	2.0
020-040	1.3											1.3	2.6	2.5
050-070	.7		.1									.8	3.4	3.0
(E) 080-100	2.2											2.2	2.6	3.0
110-130	4.1	.9										5.0	2.9	2.0
140-160	9.3	2.8										12.1	3.5	3.0
(S) 170-190	5.7	.8	.1									6.6	3.3	3.0
200-220	2.7	1.0										3.7	3.2	3.0
230-250	1.8	.1										1.9	3.4	4.0
(W) 260-280	2.2	.8	.2									3.2	4.2	4.0
290-310	1.4	2.1	.3	.2								4.1	6.2	6.0
320-340	3.4	1.9	.8	.1								6.2	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											50.3	////////	
TOTALS	36.8	10.8	1.6	.3								100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7	.2									1.4	5.3	5.0
020-040	.6											.6	2.4	2.0
050-070														
(E) 080-100	1.4	.1										1.6	3.1	3.0
110-130	3.4	.6										4.0	3.0	2.0
140-160	4.7	1.2	.1									6.0	3.6	3.0
(S) 170-190	2.6	1.2										3.8	3.9	4.0
200-220	.4	.7										1.1	5.8	6.0
230-250	1.2	.1										1.3	2.6	2.5
(W) 260-280	.7											.7	2.7	2.5
290-310	.9	.6	.2									1.7	5.4	4.0
320-340	1.0	1.7	.2									2.9	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											75.0	////////////////////////////////	
TOTALS	17.5	6.9	.7									100.0	1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.8	.7	.1	.0	.0							2.5	3.9	3.0
020-040	1.3	.1										1.4	2.6	2.0
050-070	.6	.0	.0									.6	2.7	2.0
(E) 080-100	1.6	.2										1.8	3.0	3.0
110-130	3.3	1.0	.0									4.3	3.3	3.0
140-160	5.4	2.5	.1									8.1	3.9	4.0
(S) 170-190	4.1	3.1	.2									7.4	4.6	4.0
200-220	3.1	2.3	.1									5.5	4.4	4.0
230-250	2.1	.9	.0									3.0	3.9	4.0
(W) 260-280	2.0	1.3	.2									3.6	4.8	4.0
290-310	2.7	3.3	.6	.1	.0							6.7	5.8	5.0
320-340	3.7	3.1	1.0	.1	.0							7.9	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											47.2	////////////////////////////////	
TOTALS	31.7	18.5	2.3	.2								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST : TC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.8	.2									3.2	4.3	4.0
020-040	2.5	.4										2.9	2.6	2.0
050-070	1.7	.2	.2									2.1	3.1	2.0
(E) 080-100	2.5	.6										3.2	3.3	3.0
110-130	6.1	1.5										7.6	2.8	2.0
140-160	5.9	1.5										7.4	2.8	2.0
(S) 170-190	1.5	.6										2.1	4.4	4.0
200-220	3.2	.8	.2									4.2	4.0	4.0
230-250	.8	.4										1.3	4.3	4.0
(W) 260-280	.8											.8	3.5	3.5
290-310	1.1	.2		.2								1.5	4.7	2.0
320-340	1.9	.8										2.7	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											61.1	////////	
TOTALS	30.1	7.8	.6	.2								100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 475

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.1										1.4	3.0	3.0
020-040	.3	.2										.5	3.8	4.0
050-070														
(E) 080-100		.1										.1	5.0	5.0
110-130	1.6	.1										1.7	2.7	2.0
140-160	2.8	.4										3.2	3.2	3.0
(S) 170-190	2.8	.5	.1									3.4	3.2	2.0
200-220	1.7	.2										1.9	2.8	2.0
230-250	.5	.2										.8	3.6	3.0
(W) 260-280	1.4	.3										1.7	3.4	3.0
290-310	1.8	.8										2.6	3.8	3.0
320-340	2.3	.9										3.1	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											79.5	////////////////////////////////	
TOTALS	16.5	3.8	.1									100.0	.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.8	2.4	2.0
020-040	.2	.2										.4	3.8	4.0
050-070		.1										.1	8.0	8.0
(E) 080-100														
110-130	.6											.6	2.0	2.0
140-160	1.6	.4										2.0	3.7	4.0
(S) 170-190	2.3	.6										2.9	3.6	3.0
200-220	1.1											1.1	2.2	2.0
230-250	.8											.8	2.4	2.0
(W) 260-280	1.4											1.4	2.3	2.0
290-310	2.7	.4										3.1	3.0	2.0
320-340	2.4	.3										2.7	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											84.1	////////////////////////////////	
TOTALS	13.7	2.1										100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.5										2.8	3.2	3.0
020-040	1.3											1.3	2.8	3.0
050-070	.3											.3	2.0	2.0
(E) 080-100	.6											.6	2.2	2.0
110-130	1.1		.2									1.3	3.8	3.0
140-160	2.5	.5										3.0	3.3	3.0
(S) 170-190	3.9	1.1										4.9	3.3	3.0
200-220	4.1	1.3										5.4	3.4	3.0
230-250	1.3	.2										1.5	3.1	2.5
(W) 260-280	1.8	.5										2.4	3.3	3.0
290-310	4.0	1.1	.1									5.2	3.8	3.0
320-340	6.3	2.3	.2									8.8	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											62.5	////////////////////////////////	
TOTALS	29.5	7.5	.5									100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.2	.2									4.8	3.8	3.0
020-040	2.8	.2										3.0	2.5	2.0
050-070	1.4											1.4	2.1	2.0
(E) 080-100	2.4	.2										2.6	2.4	2.0
110-130	5.2	1.5										6.7	3.3	3.0
140-160	6.2	2.7	.2									9.1	3.8	4.0
(S) 170-190	5.1	3.9	.2									9.1	4.5	4.0
200-220	4.6	2.4	.1									7.1	4.2	4.0
230-250	3.4	1.0										4.4	3.5	4.0
(W) 260-280	3.2	2.4	.1	.1								5.8	4.4	4.0
290-310	4.9	5.2	.4									10.5	5.0	5.0
320-340	7.5	7.6	.1									15.3	4.7	5.0
VARIABLE														
CALM	////////////////////////////////////											20.1	////////	
TOTALS	50.1	28.3	1.3	.1								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.6										4.6	4.0	4.0
020-040	2.4	.1										2.5	2.3	2.0
050-070	.9											.9	2.1	2.0
(E) 080-100	1.4	.3										1.7	3.2	3.5
110-130	4.8	1.9	.1									6.9	3.7	3.5
140-160	7.0	7.0	.1									14.1	4.7	5.0
(S) 170-190	7.1	5.9	.2									13.2	4.5	4.0
200-220	4.8	3.2	.4									8.5	4.8	4.0
230-250	2.7	2.3										4.9	4.8	4.0
(W) 260-280	3.8	3.2	.5									7.5	5.0	4.5
290-310	4.4	5.6	1.1									11.1	5.8	6.0
320-340	6.5	6.2	.9									13.5	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											10.5	////////	
TOTALS	48.8	37.3	3.3									100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.8	.1									3.2	3.5	3.0
020-040	1.2											1.2	2.2	2.0
050-070	.3	.1										.4	2.5	2.0
(E) 080-100	2.3	.1										2.4	2.7	2.0
110-130	7.8	1.7										9.6	3.4	3.0
140-160	10.4	5.9	.2									16.6	4.3	4.0
(S) 170-190	8.4	7.1	.1									15.6	4.5	4.0
200-220	5.5	3.9	.1									9.5	4.2	4.0
230-250	2.5	1.2	.2									3.9	4.1	4.0
(W) 260-280	3.2	2.9	.4									6.6	5.3	5.0
290-310	4.1	5.2	.8			.1						10.1	5.7	5.0
320-340	5.8	3.8	1.7									11.3	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	53.9	32.7	3.6			.1						100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.3	.1									2.0	3.1	2.0
020-040	.4	.1										.5	2.8	2.0
050-070	.4											.4	2.8	2.5
(E) 080-100	.9	.1	.1									1.1	3.3	2.0
110-130	5.8	1.4	.2	.1								7.5	3.3	2.0
140-160	8.5	2.2	.1									10.8	3.4	3.0
(S) 170-190	6.3	1.0										7.3	2.9	3.0
200-220	3.1	.3	.1									3.5	3.1	2.0
230-250	1.9	.4	.1		.1							2.6	4.1	2.5
(W) 260-280	2.9	1.0	.2									4.1	3.7	3.0
290-310	3.4	1.4	.2									5.1	4.1	3.0
320-340	2.7	1.4	.3									4.4	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											50.6	////////////////////////////////	
TOTALS	37.9	9.6	1.4	.1	.1							100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.1										.6	2.7	2.0
020-040	.3											.3	2.7	3.0
050-070	.1											.1	2.0	2.0
(E) 080-100	.5											.5	1.8	2.0
110-130	2.3	.9										3.1	3.5	3.0
140-160	3.7	.9										4.5	3.1	3.0
(S) 170-190	2.8	.5										3.3	3.0	3.0
200-220	.9	.2										1.1	2.7	2.5
230-250	.9	.5										1.4	3.8	3.0
(W) 260-280	.8	.3	.2	.1								1.4	6.2	4.0
290-310	1.5	.6										2.2	3.6	3.0
320-340	2.2	.4										2.6	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											78.8	////////////////////////////////	
TOTALS	16.5	4.4	.2	.1								100.0	.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 60

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.6	.1									2.5	3.5	3.0
020-040	1.1	.1										1.2	2.6	2.0
050-070	.4	.0										.5	2.4	2.0
(E) 080-100	1.0	.1	.0									1.1	2.7	2.0
110-130	3.7	.9	.1	.0								4.7	3.4	3.0
140-160	5.3	2.5	.1									7.9	4.0	4.0
(S) 170-190	4.8	2.6	.1									7.5	4.0	4.0
200-220	3.2	1.4	.1									4.8	4.0	4.0
230-250	1.7	.7	.0		.0							2.5	4.0	4.0
(W) 260-280	2.3	1.3	.2	.0								3.9	4.5	4.0
290-310	3.4	2.5	.3			.0						6.2	4.8	4.0
320-340	4.4	2.9	.4									7.7	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											49.5	////////	
TOTALS	33.2	15.6	1.4									100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.2										2.2	2.6	2.0
020-040	1.9											1.9	2.1	2.0
050-070	.5											.5	1.5	1.5
(E) 080-100	1.2	.5	.2									1.9	3.9	2.5
110-130	3.1	1.4	.2	.2								5.1	4.8	3.0
140-160	5.6	.5										6.0	3.0	3.0
(S) 170-190	1.9	2.9										4.8	4.6	5.0
200-220	2.9	1.2										4.1	3.2	2.0
230-250	1.7	.7										2.4	3.3	3.0
(W) 260-280	2.2	.7										2.9	3.5	3.0
290-310	1.4	.5	.2			.2						2.4	6.7	3.5
320-340	1.2	.7	.2									2.2	5.2	2.0
VARIABLE														
CALM	////////////////////////////////////											63.5	////////////////////////////////	
TOTALS	25.5	9.3	.8	.2		.2						100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 414

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.1										1.2	2.5	2.0
020-040	.6	.1										.8	3.0	3.0
050-070	.1											.1	2.0	2.0
(E) 080-100	.1											.1	2.0	2.0
110-130	1.3	.2										1.5	3.2	3.0
140-160	2.5	.8										3.2	3.4	3.0
(S) 170-190	2.4	.4										2.8	3.3	4.0
200-220	1.4	.2										1.6	3.1	2.0
230-250	.3											.3	2.0	2.0
(W) 260-280	.8											.8	1.6	2.0
290-310	1.4	.3	.1									1.8	3.9	3.0
320-340	2.5	.5										3.0	2.9	2.5
VARIABLE														
CALM	////////////////////////////////////											82.8	////////////////////////////////	
TOTALS	14.5	2.6	.1									100.0	.5	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.5										1.3	4.0	3.5
020-040	.6											.6	2.5	2.0
050-070	.2											.2	3.0	3.0
(E) 080-100		.1										.1	6.0	6.0
110-130	1.1											1.1	2.9	3.0
140-160	1.7	.2										1.9	2.8	2.5
(S) 170-190	1.8	.4										2.3	3.5	3.0
200-220	1.6	.3										1.9	2.9	2.0
230-250	.2											.2	2.5	2.5
(W) 260-280	.8	.1										.9	2.8	2.0
290-310	2.4	.4	.1									2.9	3.1	2.0
320-340	2.7	.6	.1									3.4	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											83.1	////////	
TOTALS	13.9	2.6	.2									100.0	.5	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	.5	.1									3.4	3.3	2.0
020-040	1.5	.1										1.6	2.7	2.0
050-070	.9											.9	1.5	1.5
(E) 080-100	.4											.4	1.8	1.5
110-130	1.1	.1										1.2	1.6	1.0
140-160	2.7	.8										3.4	3.1	3.0
(S) 170-190	2.9	1.0										3.9	3.5	3.0
200-220	2.5	1.2										3.7	3.7	3.0
230-250	1.1	.5										1.6	3.6	4.0
(W) 260-280	.4	.3										.8	3.9	3.0
290-310	2.9	.5										3.4	3.1	2.0
320-340	6.6	2.4	.2									9.1	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											66.6	////////	
TOTALS	25.8	7.4	.3									100.0	1.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	1.9										7.8	3.2	3.0
020-040	3.4	1.0										4.4	3.2	2.0
050-070	2.4	.2										2.6	2.5	2.0
(E) 080-100	2.2	.2										2.4	2.5	2.0
110-130	4.0	1.2										5.2	3.2	3.0
140-160	6.3	2.3	.1									8.7	3.9	4.0
(S) 170-190	5.9	4.0										9.9	4.3	4.0
200-220	3.7	2.5										6.1	4.1	4.0
230-250	3.1	1.1										4.2	3.2	3.0
(W) 260-280	2.9	1.6										4.5	3.9	4.0
290-310	5.3	2.7	.3									8.3	4.2	4.0
320-340	5.6	5.5	.6									11.7	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											24.2	////////	
TOTALS	50.7	24.2	1.0									100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.5										5.3	3.6	3.0
020-040	2.8	.2										3.0	2.4	2.0
050-070	2.4											2.4	2.1	2.0
(E) 080-100	2.3	.5	.1									2.9	3.3	2.0
110-130	4.6	1.6										6.2	3.6	3.0
140-160	7.0	5.8	.3									13.1	4.5	4.0
(S) 170-190	5.9	6.8	.6									13.3	5.1	5.0
200-220	4.2	3.1	.3									7.6	4.7	4.0
230-250	3.8	1.2										4.9	3.6	3.0
(W) 260-280	2.3	3.0	.2	.1								5.6	5.2	5.0
290-310	5.2	4.7	1.2									11.1	5.3	5.0
320-340	6.7	4.8	.6									12.2	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	51.0	33.2	3.3	.1								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.6										3.1	3.2	2.0
020-040	2.4	.3										2.7	2.7	2.0
050-070	1.1	.1										1.2	2.3	2.0
(E) 080-100	3.5	.6										4.2	2.7	2.0
110-130	5.4	2.3										7.6	3.9	4.0
140-160	9.4	5.8	.8									15.9	4.3	4.0
(S) 170-190	8.6	4.9	.2									13.8	4.1	4.0
200-220	4.2	2.5	.1									6.8	4.1	4.0
230-250	2.9	1.0	.1									4.0	3.6	3.0
(W) 260-280	4.0	1.5	.1									5.6	4.0	4.0
290-310	4.1	3.9	.4	.1								8.5	5.2	5.0
320-340	4.6	3.4	1.2	.1								9.4	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	52.7	26.9	2.9	.2								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.4										1.9	2.8	2.0
020-040	.9		.1									1.0	3.4	3.0
050-070	.3	.2										.5	3.6	4.0
(E) 080-100	2.0	.3										2.4	2.6	2.0
110-130	5.5	1.2										6.7	3.1	3.0
140-160	7.0	1.2	.1									8.3	3.3	3.0
(S) 170-190	4.8	1.2										6.0	3.1	3.0
200-220	2.3	.5										2.8	3.1	2.5
230-250	1.2	.1	.1									1.4	3.4	2.0
(W) 260-280	.9	.4	.1									1.4	4.2	4.0
290-310	1.7	.8	.2									2.7	4.0	4.0
320-340	2.9	1.7	.2		.1							4.9	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											60.0	////////	
TOTALS	31.0	8.0	.8		.1							100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.1										1.2	2.7	2.0
020-040	.9											.9	2.8	3.0
050-070	.3											.3	2.7	3.0
(E) 080-100	.3											.3	2.0	2.0
110-130	2.5	.3										2.8	2.9	3.0
140-160	3.5	.6										4.2	3.0	3.0
(S) 170-190	2.9	.5										3.4	3.2	3.0
200-220	.4	.5										1.0	4.3	5.0
230-250	.9	.2										1.1	3.2	2.0
(W) 260-280	1.0		.1									1.1	3.5	2.5
290-310	.8	.6										1.4	4.1	4.0
320-340	2.0	1.0	.1									3.1	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											79.2	////////////////////////////////	
TOTALS	16.6	3.8	.2									100.0	.7	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.7	.0									3.2	3.3	3.0
020-040	1.6	.2	.0									1.9	2.8	2.0
050-070	1.0	.1										1.0	2.4	2.0
(E) 080-100	1.4	.2	.0									1.6	2.8	2.0
110-130	3.2	.9										4.0	3.3	3.0
140-160	5.0	2.2	.2									7.4	3.9	4.0
(S) 170-190	4.4	2.4	.1									6.9	4.1	4.0
200-220	2.5	1.4	.1									3.9	4.0	4.0
230-250	1.7	.5	.0									2.2	3.4	3.0
(W) 260-280	1.6	.2	.1	.0								2.6	4.1	4.0
290-310	3.0	1.7	.3	.0								5.0	4.5	4.0
320-340	4.2	2.5	.4	.0	.0							7.1	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											53.2	////////////////////////////////	
TOTALS	32.0	13.7	1.2									100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		2.0	.5										2.5	3.1	2.5
020-040		2.2											2.2	2.4	2.5
050-070		2.0	.2										2.2	2.3	2.0
(E) 080-100		1.6	.5										2.2	3.2	2.5
110-130		3.6	.5										4.2	3.0	3.0
140-160		2.3	1.1										3.4	4.0	4.0
(S) 170-190		3.1	.7										3.8	3.5	3.0
200-220		1.1	.5										1.6	3.9	3.0
230-250		.4	.2										.5	3.3	3.0
(W) 260-280		.4											.4	2.0	2.0
290-310		2.9	.2	.2									3.2	2.9	2.0
320-340		4.7	.5										5.2	2.7	2.0
VARIABLE															
CALM		////////////////////////////////////											68.6	////////	
TOTALS		26.3	4.9	.2									100.0	1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 554

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2										1.2	3.1	3.0
020-040	.4	.1										.6	3.2	3.0
050-070														
(E) 080-100	1.0											1.0	2.0	2.0
110-130	1.3	.2										1.6	3.1	2.0
140-160	1.8	.6										2.3	3.1	2.0
(S) 170-190	1.7	1.1	.2									3.0	4.5	4.0
200-220	1.2	.4										1.7	3.6	3.0
230-250	.3											.3	2.3	2.0
(W) 260-280	.6	.1										.7	3.2	2.0
290-310	2.1	.6	.1									2.8	3.4	3.0
320-340	4.3	.9	.1									5.3	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											79.6	////////////////////////////////	
TOTALS	15.7	4.2	.4									100.0	.7	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.3										1.8	3.2	2.0
020-040	.7											.7	3.5	4.0
050-070	.4											.4	2.3	2.0
(E) 080-100	1.0											1.0	1.9	2.0
110-130	.9											.9	2.0	2.0
140-160	1.9	.7	.1									2.7	3.9	3.5
(S) 170-190	1.6	1.2	.1									2.9	4.3	4.0
200-220	.9	.6										1.4	4.2	4.0
230-250		.1										.1	5.0	5.0
(W) 260-280	.4	.6										1.0	5.2	6.0
290-310	3.0	.4										3.4	2.9	2.0
320-340	3.1	1.3	.3									4.8	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											78.9	////////////////////////////////	
TOTALS	15.3	5.2	.5									100.0	.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.0	.1									3.1	3.9	3.5
020-040	1.2	.1										1.3	2.7	2.0
050-070	.6											.6	2.8	3.0
(E) 080-100	.9											.9	1.8	1.5
110-130	1.4	.1										1.6	2.6	2.0
140-160	2.0	.7										2.7	3.4	2.5
(S) 170-190	2.1	.7										2.8	3.6	4.0
200-220	1.7	.9	.1									2.7	4.1	4.0
230-250	.8	.3										1.1	3.2	3.0
(W) 260-280	.2	.2										.4	4.0	4.5
290-310	3.3	1.2	.2	.1								4.9	4.2	4.0
320-340	5.0	2.4	.3	.1								7.9	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											70.1	////////////////////////////////	
TOTALS	21.2	7.6	.7	.2								100.0	1.1	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.8	.1									6.7	3.8	4.0
020-040	3.7	.8										4.4	2.8	3.0
050-070	1.3	.1	.1									1.6	3.1	2.5
(E) 080-100	3.2	.1										3.3	2.6	2.0
110-130	5.7	1.0	.1									6.8	3.3	3.0
140-160	3.8	2.8	.1									6.7	4.4	4.0
(S) 170-190	5.1	4.3										9.4	4.4	4.0
200-220	3.9	3.2										7.1	4.4	4.0
230-250	2.7	.7										3.3	3.5	3.0
(W) 260-280	2.3	1.0		.2	.1							3.7	4.9	4.0
290-310	4.6	3.9	1.7	.1								10.2	6.0	5.0
320-340	7.7	4.9	1.3									13.9	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////	
TOTALS	48.8	24.6	3.4	.3	.1							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	1.9	.1									6.0	3.8	4.0
020-040	3.6	.8										4.3	3.0	3.0
050-070	1.6	.1										1.7	2.9	3.0
(E) 080-100	2.4	.8										3.2	3.6	4.0
110-130	4.3	2.7	.2									7.2	4.0	4.0
140-160	7.6	6.0	.2									13.8	4.6	4.0
(S) 170-190	5.1	6.4	.7									12.2	5.3	5.0
200-220	3.7	3.0	.3									7.0	4.6	4.0
230-250	1.7	2.1	.2									4.0	5.0	5.0
(W) 260-280	1.8	2.2	.3	.2								4.6	5.9	5.0
290-310	2.4	4.2	2.3									9.0	7.0	6.0
320-340	5.9	6.9	1.7	.3								14.8	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	44.1	37.1	6.0	.5								100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.0										3.8	3.3	3.0
020-040	1.4	.3										1.8	3.3	3.0
050-070	1.4											1.4	2.5	2.0
(E) 080-100	2.6	.3										2.9	3.0	3.0
110-130	5.1	1.8										6.9	3.7	3.0
140-160	9.0	4.9	.6									14.4	4.3	4.0
(S) 170-190	8.0	5.4	.2									13.7	4.4	4.0
200-220	4.4	2.1	.1									6.7	3.8	4.0
230-250	2.7	1.1										3.8	3.7	4.0
(W) 260-280	1.8	1.2										3.0	4.5	4.0
290-310	3.2	5.4	1.4									10.1	6.1	6.0
320-340	5.6	4.0	1.6	.1								11.2	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											20.3	////////	
TOTALS	48.0	27.5	3.9	.1								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	.3										1.4	2.8	2.0
020-040	.8											.8	1.7	2.0
050-070	.1	.2										.3	5.3	6.0
(E) 080-100	2.0	.1										2.1	2.4	2.0
110-130	3.0	.4										3.4	2.7	2.0
140-160	4.9	1.4	.1									6.4	3.4	3.0
(S) 170-190	2.0	.4										2.4	3.0	2.0
200-220	1.4	.1										1.6	2.8	2.5
230-250	.4											.4	2.5	2.5
(W) 260-280	.8	.4										1.2	4.1	4.0
290-310	3.0	1.0										4.0	4.0	4.0
320-340	3.8	1.7				.1						5.6	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											70.2	////////	
TOTALS	23.3	6.0	.1			.1						100.0	1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4											1.4	2.5	2.0
020-040	.7											.7	2.3	2.0
050-070	.6	.1										.7	2.5	2.0
(E) 080-100	1.1	.1										1.2	2.8	2.0
110-130	1.6	.7										2.2	3.4	3.5
140-160	2.0	1.2										3.2	3.9	4.0
(S) 170-190	1.6	1.2										2.8	4.2	4.0
200-220	.6	.3										.9	3.4	3.0
230-250	1.1	.1										1.2	3.4	3.0
(W) 260-280	.3	.1										.4	3.0	2.0
290-310	1.6	1.0										2.6	3.9	4.0
320-340	3.4	1.4										4.9	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											77.8	////////////////////////////////	
TOTALS	16.0	6.2										100.0	.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.3	.8	.0									3.2	3.5	3.0
020-040	1.6	.3										1.8	2.9	3.0
050-070	.8	.1	.0									.8	2.9	3.0
(E) 080-100	1.8	.2										2.0	2.7	2.0
110-130	2.9	.9	.0									3.8	3.4	3.0
140-160	4.1	2.3	.1									6.5	4.1	4.0
(S) 170-190	3.4	2.6	.2									6.2	4.5	4.0
200-220	2.2	1.3	.1									3.6	4.1	4.0
230-250	1.2	.6	.0									1.8	3.9	4.0
(W) 260-280	1.0	.7	.0	.1	.0							1.9	4.9	4.0
290-310	2.9	2.2	.7	.0								5.9	5.3	5.0
320-340	4.8	2.9	.7	.1		.0						8.5	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											54.0	////////	
TOTALS	29.0	14.9	1.8	.2								100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.5	.7	.1									3.3	3.4	3.0
020-040	3.0	.3										3.3	2.5	2.0
050-070	1.3	.1	.1									1.6	2.9	2.0
(E) 080-100	4.0	.1										4.2	2.6	3.0
110-130	3.0	.9	.3									4.2	3.9	3.0
140-160	4.0	1.0	.1									5.2	3.4	3.0
(S) 170-190	2.5	.9										3.3	3.4	3.0
200-220	2.3	.1										2.5	2.9	3.0
230-250	.3	.1										.4	3.3	3.0
(W) 260-280	.7	.4		.1								1.3	5.3	4.0
290-310	4.6	1.4		.1								6.2	3.8	3.0
320-340	7.2	2.0	.6			.1						10.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											54.5	////////	
TOTALS	35.4	8.0	1.2	.2		.1						100.0	1.6	3.0
TOTAL NUMBER OF OBSERVATIONS 693														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.5	.2									2.4	4.1	3.0
020-040	1.6	.1	.1									1.8	3.5	3.0
050-070	.5	.2										.8	3.1	2.0
(E) 080-100	.8	.3										1.1	3.4	3.5
110-130	1.2	.1										1.3	3.4	3.5
140-160	1.3	.1										1.4	3.2	3.0
(S) 170-190	2.0	.1										2.2	2.6	2.5
200-220	1.1	.1										1.2	3.0	3.0
230-250	.2	.2										.4	3.3	3.5
(W) 260-280	.5	.5	.2									1.3	5.8	5.0
290-310	1.3	1.3	.4									3.0	5.5	5.0
320-340	2.9	2.4	.8									6.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											77.2	////////////////////////////////	
TOTALS	15.0	5.9	1.7									100.0	1.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.5	.1									2.5	3.7	3.0
020-040	1.9	.1	.1									2.2	3.1	3.0
050-070	.9	.1										1.0	3.0	3.0
(E) 080-100	.6	.1	.1									.9	4.3	3.5
110-130	.9	.1										1.0	3.8	4.0
140-160	1.3	.3										1.6	3.7	3.0
(S) 170-190	1.0	.3										1.3	3.6	3.5
200-220	1.4	.2										1.6	2.9	3.0
230-250	.4											.4	2.3	2.0
(W) 260-280	.5	.3										.9	4.0	4.0
290-310	1.6	3.3	.3	.2								5.5	5.9	6.0
320-340	3.3	2.4	.5									6.2	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											75.1	////////////////////////////////	
TOTALS	15.6	7.7	1.1	.2								100.0	1.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.6										2.8	3.4	3.0
020-040	2.0	.2										2.3	2.8	3.0
050-070	.8	.3										1.1	3.6	2.5
(E) 080-100	.6	.1										.8	3.6	4.0
110-130	.9	.2										1.1	3.5	3.5
140-160	2.0	.1										2.2	2.8	3.0
(S) 170-190	1.6	1.0										2.6	4.0	4.0
200-220	1.1	.2										1.3	2.8	2.0
230-250	.3	.2										.5	4.0	3.0
(W) 260-280	1.5	.9	.1									2.5	4.6	4.0
290-310	2.8	2.6	.8									6.1	5.4	5.0
320-340	4.5	3.4	.4		.1							8.5	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											68.4	////////////////////////////////	
TOTALS	20.3	9.8	1.3		.1							100.0	1.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	2.9										6.3	4.1	4.0
020-040	3.2	1.5										4.7	3.9	4.0
050-070	1.4	1.2										2.6	4.0	4.0
(E) 080-100	2.9	.9										3.8	3.2	3.0
110-130	2.2	.9										3.0	3.9	4.0
140-160	3.5	1.8	.2									5.6	4.2	4.0
(S) 170-190	4.1	3.5	.4									8.1	4.7	4.0
200-220	4.1	3.1	.2									7.7	4.3	4.0
230-250	1.5	.4										1.9	2.8	2.0
(W) 260-280	1.1	1.5	.3									2.9	5.7	5.0
290-310	2.2	5.3	2.6	.8								10.8	7.9	8.0
320-340	5.8	6.9	4.1	.4								17.2	6.8	6.0
VARIABLE														
CALM	////////////////////											25.4	////////	
TOTALS	35.7	29.9	7.8	1.2								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	1.6										6.1	3.6	3.0
020-040	2.7	1.0	.1									3.8	3.5	3.0
050-070	1.4	.4										1.8	3.4	3.0
(E) 080-100	2.5	1.4										3.9	3.8	4.0
110-130	3.9	1.9	.1									5.9	4.0	4.0
140-160	4.0	3.8	.4									8.2	4.9	5.0
(S) 170-190	4.3	6.2	1.0									11.5	5.7	6.0
200-220	5.3	4.4	.4									10.1	5.0	4.0
230-250	1.6	1.6	.1									3.3	5.0	5.0
(W) 260-280	1.8	1.6	.4	.1								4.0	6.3	5.0
290-310	2.9	4.9	4.2	.9								12.9	8.0	7.5
320-340	5.2	6.1	3.7	1.0		.1						16.0	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											12.5	////////	
TOTALS	40.1	34.9	10.4	2.0		.1						100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.1	.1									4.6	3.7	3.0
020-040	1.9	.1										2.0	2.6	2.0
050-070	1.4	.2										1.6	3.3	3.0
(E) 080-100	3.0	.5										3.5	3.1	3.0
110-130	5.3	1.7										7.0	3.6	3.0
140-160	6.8	2.9										9.7	3.9	4.0
(S) 170-190	6.9	3.8	.3									11.0	4.2	4.0
200-220	1.5	2.3	.2									4.0	5.3	5.0
230-250	1.8	.4	.2									2.5	4.6	4.0
(W) 260-280	1.0	1.1	.3									2.4	5.7	6.0
290-310	2.9	3.4	2.5	1.0								9.8	7.8	8.0
320-340	5.3	6.3	1.8	.4								13.9	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											28.1	////////	
TOTALS	41.2	23.8	5.4	1.4								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.1										2.5	4.1	4.0
020-040	.9	.1										1.0	3.1	2.0
050-070	.3	.1										.4	2.8	2.5
(E) 080-100	1.5	.3										1.8	3.1	3.0
110-130	1.6	.6										2.3	3.4	3.0
140-160	2.4	.4										2.8	3.0	2.5
(S) 170-190	1.4	.6										2.0	3.6	3.0
200-220	.5											.5	2.4	2.0
230-250	1.0	.1	.2									1.3	4.0	3.0
(W) 260-280	.5	.5	.1									1.2	5.5	5.0
290-310	2.0	1.8	.8	.2								4.8	6.2	5.0
320-340	4.0	2.4	.2									6.6	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											72.8	////////////////////////////////	
TOTALS	17.5	8.0	1.3	.2								100.0	1.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.2										1.5	3.3	3.0
020-040	.4	.5										1.0	4.3	5.0
050-070	1.0	.1										1.1	2.7	2.0
(E) 080-100	1.5	.1										1.6	2.7	2.0
110-130	.9	.4										1.3	3.8	3.5
140-160	1.5	.3										1.8	3.2	3.0
(S) 170-190	.9	.1										1.0	3.2	3.0
200-220	1.0	.1										1.1	3.0	3.0
230-250		.3										.3	6.3	6.0
(W) 260-280	.5	.3	.2									1.1	5.1	4.0
290-310	1.4	2.3	.6	.1								4.4	6.1	6.0
320-340	2.9	2.4	1.0	.3								6.6	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											77.3	////////	
TOTALS	13.3	7.1	1.8	.4								100.0	1.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.1	.1									3.6	3.8	3.0
020-040	1.8	.5	.0									2.3	3.4	3.0
050-070	1.0	.3										1.3	3.4	3.0
(E) 080-100	1.7	.5	.0									2.2	3.3	3.0
110-130	2.1	.8	.0									2.8	3.7	3.0
140-160	2.8	1.2	.1									4.2	4.0	4.0
(S) 170-190	2.8	2.0	.2									4.9	4.5	4.0
200-220	2.0	1.3	.1									3.4	4.4	4.0
230-250	.9	.4	.1									1.3	4.2	4.0
(W) 260-280	.9	.8	.2	.0								2.0	5.5	5.0
290-310	2.1	3.1	1.5	.4								7.2	7.0	7.0
320-340	4.2	4.0	1.6	.3	.0	.0						10.1	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											54.6	////////	
TOTALS	24.8	16.0	3.9	.7								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	4.6	1.3										5.9
020-040	3.1	.1										3.2
050-070	2.3	.5										2.8
(E) 080-100	2.6	1.0	.1									3.7
110-130	3.4	2.0										5.4
140-160	3.1	.8										4.0
(S) 170-190	1.7	.5										2.2
200-220	2.3	.4	.1									2.8
230-250	.6		.1									.7
(W) 260-280	1.0	.2	.1									1.3
290-310	2.8	2.2	.4	.1								5.4
320-340	4.1	3.2	.5	.1								7.9
VARIABLE												
CALM	////////////////////////////////////											54.7
TOTALS	31.6	12.2	1.3	.2								100.0

TOTAL NUMBER OF OBSERVATIONS 833

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.8	.1		.1							2.2	4.8	3.5
020-040	2.0	.6										2.6	3.3	3.0
050-070	.6	.9										1.4	4.8	5.0
(E) 080-100	.3	.7										1.0	4.3	5.0
110-130	1.0											1.0	2.8	3.0
140-160	2.0	1.2										3.2	4.0	4.0
(S) 170-190	2.2	1.1										3.3	4.1	4.0
200-220	1.4	.6										2.0	3.7	3.5
230-250	.9	.2										1.1	3.5	3.0
(W) 260-280	1.1	1.2	.7									3.0	6.3	6.0
290-310	2.8	2.8	2.3	.3	.1							8.3	7.5	7.0
320-340	3.1	3.2	1.1	.2	.3							8.0	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											62.8	////////////////////////////////	
TOTALS	18.6	13.3	4.2	.5	.5							100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.9										3.2	3.7	4.0
020-040	1.7	.9		.1								2.7	4.0	3.5
050-070	1.0	.4										1.4	3.9	4.0
(E) 080-100	.9	.3										1.2	3.5	3.0
110-130	.8	.3										1.1	4.1	4.0
140-160	1.6	1.0	.1									2.7	4.4	4.0
(S) 170-190	1.3	2.0										3.3	4.7	5.0
200-220	1.2	.3										1.6	3.4	3.0
230-250	.7	.3	.1									1.1	4.2	3.5
(W) 260-280	.8	1.0	.1	.4								2.3	7.5	6.0
290-310	2.7	3.0	2.2	.4								8.3	7.3	7.0
320-340	3.9	3.0	1.0	.3	.1							8.3	5.9	5.0
VARIABLE														
CALM	////////////////////											62.7	////////	
TOTALS	18.9	13.4	3.5	1.2	.1							100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.4	.1									3.1	4.7	4.5
020-040	2.1	.2										2.3	2.9	3.0
050-070	1.3	1.0										2.3	3.5	3.0
(E) 080-100	.1	.3										.4	4.5	5.0
110-130	.9	.6										1.4	4.5	4.0
140-160	1.3	1.1										2.4	4.5	4.0
(S) 170-190	1.9	1.3	.2									3.4	4.8	4.0
200-220	2.3	.7	.1									3.1	3.9	3.0
230-250	.6		.1									.7	4.3	3.5
(W) 260-280	.4	1.4	.1	.4								2.4	8.1	8.0
290-310	3.4	3.3	1.9	.6								9.2	6.8	7.0
320-340	4.2	3.6	1.0	.1	.1							9.0	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											60.0	////////////////////////////////	
TOTALS	20.1	14.9	3.5	1.1	.1							100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.2	.7	.3								5.1	6.5	6.0
020-040	2.3	.6										2.9	3.7	3.5
050-070	2.3	.6										2.9	2.8	2.0
(E) 080-100	2.4	.7										3.1	3.3	3.5
110-130	2.6	1.2	.1									3.9	4.3	4.0
140-160	3.9	2.0	.4									6.3	4.2	4.0
(S) 170-190	3.6	3.7	.3									7.6	4.7	5.0
200-220	2.7	2.7	.1									5.4	4.7	5.0
230-250	2.4	.8	.4									3.7	4.6	4.0
(W) 260-280	2.1	1.6	.8	.4								4.9	6.7	6.0
290-310	1.7	3.6	3.7	1.2	.4	.1						10.7	9.7	10.0
320-340	3.4	5.7	4.6	.4	.1							14.2	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											29.3	////////////////////////////////	
TOTALS	31.3	25.4	11.1	2.3	.5	.1						100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.4	.4	.1								5.1	5.6	5.0
020-040	2.0	.7	.3		.1							3.1	4.9	3.0
050-070	2.0	.4										2.4	2.9	2.5
(E) 080-100	1.9	.7	.1									2.7	3.9	3.0
110-130	3.7	1.9	.2									5.8	4.1	4.0
140-160	5.1	4.4	.3	.1								10.0	4.9	4.0
(S) 170-190	5.1	7.3	.9									13.3	5.4	5.0
200-220	2.4	3.7	.9	.1								7.1	6.2	6.0
230-250	1.4	1.6	.2									3.2	5.4	5.0
(W) 260-280	2.3	2.3	1.7	.4								6.8	7.4	7.0
290-310	1.8	5.1	4.7	2.0	.1	.2						13.9	9.7	10.0
320-340	2.2	6.0	4.1	1.0	.2							13.6	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////	
TOTALS	32.0	36.5	13.8	3.7	.4	.2						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.9	.6	.4								5.2	6.4	5.0
020-040	1.9	.4	.2									2.6	3.9	3.0
050-070	1.3	.6	.3									2.2	4.3	3.0
(E) 080-100	2.2	.7	.1									3.0	3.4	2.0
110-130	2.3	.9		.1								3.3	3.8	3.0
140-160	6.4	2.1	.1									8.7	3.7	3.0
(S) 170-190	7.8	4.3	.2									12.3	3.9	3.0
200-220	3.0	1.0	.2									4.2	3.7	3.0
230-250	1.4	.8	.2									2.4	4.9	4.0
(W) 260-280	1.1	3.2	1.6	.3								6.2	7.8	7.0
290-310	2.0	3.4	3.2	1.4	.4							10.6	9.4	9.0
320-340	4.0	5.9	3.4	.6								13.9	7.1	6.0
VARIABLE														
CALM	////////////////////											25.3	////////	
TOTALS	35.7	25.2	10.1	2.8	.4							100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	.7	.4									3.9	3.9	3.0
020-040	1.4	.8	.2									2.4	4.3	3.5
050-070	.9	.6	.1									1.6	4.9	4.0
(E) 080-100	.9	.3	.2									1.4	5.2	3.0
110-130	1.9											1.9	2.1	2.0
140-160	2.7	1.0	.1									3.8	3.8	3.0
(S) 170-190	3.2	.4	.1									3.8	3.3	3.0
200-220	.9	.2										1.1	2.9	2.5
230-250	.4	.4	.1									1.0	5.3	5.0
(W) 260-280	.9	2.0	.7	.1								3.7	7.0	6.0
290-310	3.3	4.0	2.4	.2								10.0	6.8	7.0
320-340	2.9	4.3	1.9	.2								9.3	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											56.1	////////////////////////////////	
TOTALS	22.2	14.7	6.2	.5								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.7										3.9	4.3	4.0
020-040	1.7	.6	.1									2.3	3.8	3.0
050-070	.8	.8										1.6	4.3	4.0
(E) 080-100	.7	.6	.2									1.4	5.0	5.0
110-130	1.6	.2	.1									1.9	2.8	2.0
140-160	2.6	.8										3.3	3.3	2.5
(S) 170-190	3.0	1.4										4.4	3.6	3.0
200-220	1.3	.2										1.6	3.3	3.5
230-250	.6	.6										1.1	4.4	4.5
(W) 260-280	1.4	1.3	.6	.2								3.6	6.5	5.0
290-310	3.8	3.8	1.2									8.8	5.7	6.0
320-340	2.6	3.2	1.4	.6								7.8	7.0	6.0
VARIABLE														
CALM	////////////////////											58.3	////////	
TOTALS	22.3	15.2	3.6	.8								100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.5	.3	.1	.0							4.0	5.2	4.0
020-040	1.9	.6	.1	.0	.0							2.6	3.9	3.0
050-070	1.3	.7	.1									2.0	3.8	3.0
(E) 080-100	1.2	.5	.1									1.8	3.9	3.0
110-130	1.8	.6	.1	.0								2.5	3.7	3.0
140-160	3.2	1.7	.1	.0								5.1	4.2	4.0
(S) 170-190	3.5	2.7	.2									6.4	4.5	4.0
200-220	1.9	1.2	.2	.0								3.3	4.5	4.0
230-250	1.1	.6	.2									1.8	4.7	4.0
(W) 260-280	1.3	1.8	.8	.3								4.1	7.2	6.0
290-310	2.7	3.6	2.7	.8	.1	.0						10.0	8.0	8.0
320-340	3.3	4.4	2.3	.4	.1							10.5	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											45.9	////////////////////////////////	
TOTALS	25.3	19.9	7.2	1.6	.2							100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	1.8	.7									7.4	4.2	4.0
020-040	6.9	2.6	.2									9.7	3.8	4.0
050-070	3.9	2.8	.5									7.2	4.2	4.0
(E) 080-100	2.7	2.4	.1									5.2	4.3	4.0
110-130	1.5	.7										2.2	3.8	3.0
140-160	2.4	1.1	.1									3.5	4.0	3.0
(S) 170-190	3.0	2.0	.2									5.2	4.0	3.5
200-220	1.4	.4										1.6	3.4	3.0
230-250	1.2	.4										1.5	3.5	3.0
(W) 260-280	1.1	.6	.1									1.8	4.8	4.0
290-310	2.8	1.3	1.1		.1							5.3	5.6	4.0
320-340	4.3	3.0	.5		.1							7.8	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////	
TOTALS	36.2	19.1	3.5		.2							100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.8	.3									4.6	4.7	4.0
020-040	.8	.2										1.0	3.9	4.0
050-070	.3		.2									.5	5.6	4.0
(E) 080-100	1.0	.3	.2									1.5	3.9	2.0
110-130	.5	.3										.9	3.1	1.5
140-160	1.5	.5										2.0	3.4	3.0
(S) 170-190	2.2	.9										3.0	4.1	4.0
200-220	1.7	1.4	.2									3.3	4.6	4.0
230-250	.9	.5	.1									1.5	4.4	3.5
(W) 260-280	.3	1.1	.3	.2	.1							2.0	8.6	8.0
290-310	1.9	3.7	2.9	.6	.2							9.4	8.4	8.0
320-340	3.3	4.2	2.6	.8	.1							11.0	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											59.2	////////	
TOTALS	16.9	14.9	6.8	1.6	.4							100.0	2.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.7	.2	.1								3.8	5.3	5.0
020-040	1.0	.2										1.2	3.2	2.0
050-070	.8	.1										.9	2.3	2.0
(E) 080-100	.6	.8										1.4	5.0	5.0
110-130	1.1	.2										1.3	3.6	3.0
140-160	1.3	.6										1.9	4.1	4.0
(S) 170-190	1.3	1.6										2.9	4.7	5.0
200-220	1.3	.4	.1									1.8	3.9	4.0
230-250	.5	.1	.1									.8	4.3	4.0
(W) 260-280	1.1	.5	.3	.3								2.3	6.6	5.0
290-310	2.3	3.0	2.8	.8	.1							8.9	8.1	8.0
320-340	3.5	3.2	2.3	.3	.1	.1						9.6	7.1	6.0
VARIABLE														
CALM	////////////////////											63.3	////////	
TOTALS	16.5	12.4	5.8	1.5	.2	.1						100.0	2.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.9	.1									4.4	4.6	4.0
020-040	1.2											1.2	2.6	2.0
050-070	1.0	.2										1.2	3.4	3.0
(E) 080-100	.4	.2										.6	3.5	2.5
110-130	1.3	.2	.1									1.6	3.7	3.0
140-160	1.5	.1										1.6	2.5	2.0
(S) 170-190	1.8	.9										2.7	4.0	3.0
200-220	1.5	.4										1.9	3.2	3.0
230-250	1.0	.4	.1									1.5	4.1	3.5
(W) 260-280	.6	1.3	.8									2.7	7.2	7.0
290-310	2.6	2.4	1.4	.4	.1							6.9	7.3	8.0
320-340	4.3	7.1	1.8	.5	.1							13.9	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											59.8	////////////////////////////////	
TOTALS	19.6	15.1	4.3	.9	.2							100.0	2.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.9	.5									7.0	4.9	4.0
020-040	1.1	.1	.1									1.3	3.4	2.5
050-070	1.6	.2										1.8	3.1	3.0
(E) 080-100	1.6	.6										2.3	3.2	3.0
110-130	2.5	.2										2.7	2.8	3.0
140-160	2.3	1.7	.1									4.1	4.3	4.0
(S) 170-190	4.8	2.0	.3									7.2	4.3	4.0
200-220	1.4	1.8										3.2	4.8	5.0
230-250	1.9	1.1	.2									3.2	4.4	4.0
(W) 260-280	1.3	2.0	.6	.5	.1							4.6	7.6	7.0
290-310	2.5	4.1	2.4	.6	.5							10.1	8.1	7.0
320-340	5.3	7.0	3.5	1.4	.6							17.8	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											34.6	////////////////////////////////	
TOTALS	29.8	23.7	7.7	2.5	1.2							100.0	4.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.2	.3	.1								6.5	5.1	5.0
020-040	1.4	.3										1.7	3.4	3.0
050-070	1.3	.3										1.6	3.4	3.0
(E) 080-100	2.3	.5										2.8	3.3	3.0
110-130	3.2	1.0										4.2	3.5	3.0
140-160	3.3	3.2	.2									6.8	4.7	5.0
(S) 170-190	5.1	5.3	.2									10.5	5.1	5.0
200-220	3.4	3.2	.3									7.0	4.9	5.0
230-250	1.7	1.3	1.0									4.0	5.8	5.0
(W) 260-280	1.8	3.3	1.2	.3	.4							7.1	7.6	7.0
290-310	3.7	4.8	3.2	2.0	.3	.1						14.2	8.9	8.0
320-340	3.9	6.2	6.2	1.1	.4							17.8	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											15.8	////////	
TOTALS	33.9	32.6	12.6	3.5	1.1	.1						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.9	.3									5.8	4.2	3.5
020-040	.8	.1										.9	4.1	4.0
050-070	1.1	.3										1.4	3.4	3.0
(E) 080-100	1.6	.1										1.7	2.7	2.0
110-130	3.7	.6										4.3	3.1	3.0
140-160	4.8	1.8	.2									6.9	4.0	3.5
(S) 170-190	5.7	4.3	.2									10.2	4.3	4.0
200-220	2.9	1.5	.2									4.6	4.1	3.0
230-250	1.4	1.2	.1									2.7	4.9	4.0
(W) 260-280	1.3	2.4	.9	.3	.2							5.1	8.0	7.0
290-310	2.9	4.2	3.1	1.5	.2	.1						12.0	8.9	8.0
320-340	4.5	6.5	3.4	1.2	.3							15.9	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											28.5	////////////////////////////////	
TOTALS	34.2	24.9	8.4	3.0	.7	.1						100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.3	.2									4.2	4.3	4.0
020-040	.6	.3										1.0	3.9	3.0
050-070	.9	.2										1.1	3.1	2.0
(E) 080-100	.3											.3	3.0	3.0
110-130	1.7	.1	.1									1.9	3.0	2.0
140-160	3.0	.5	.1									3.7	3.7	3.5
(S) 170-190	3.0	1.9	.1									5.1	4.0	4.0
200-220	1.1	1.7										2.8	4.7	5.0
230-250	.6	.4										1.1	4.7	3.5
(W) 260-280	.9	1.3	.6	.1		.1						3.0	7.6	6.5
290-310	2.7	2.8	1.9	.6	.4							8.5	8.2	7.0
320-340	3.3	5.1	2.8	.6								11.8	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											55.6	////////////////////////////////	
TOTALS	20.8	15.6	5.8	1.3	.4	.1						100.0	2.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.7	.2									5.2	4.2	4.0
020-040	1.2											1.2	2.5	2.0
050-070	.3	.3										.6	4.7	4.0
(E) 080-100	1.3	.1										1.4	2.5	2.0
110-130	1.1	.4										1.5	3.6	2.5
140-160	1.5	.2	.1									1.8	3.2	2.0
(S) 170-190	2.8	1.5	.1									4.4	4.1	4.0
200-220	1.7	1.4	.2									3.3	4.6	4.0
230-250	.9	.6	.1									1.6	4.9	4.0
(W) 260-280	1.0	1.2	.5	.3	.1							3.1	7.5	5.0
290-310	1.7	3.1	1.9	.8	.4							8.0	9.0	8.0
320-340	2.9	4.9	3.1	.5								11.5	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											56.3	////////////////////////////////	
TOTALS	19.6	15.4	6.2	1.6	.5							100.0	2.6	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.1	.3	.0								5.2	4.7	4.0
020-040	1.0	.2	.0									1.2	3.3	3.0
050-070	.9	.2	.0									1.1	3.4	3.0
(E) 080-100	1.1	.3	.0									1.5	3.4	3.0
110-130	1.9	.4	.0									2.3	3.3	3.0
140-160	2.4	1.1	.1									3.6	4.0	4.0
(S) 170-190	3.3	2.3	.1									5.8	4.4	4.0
200-220	1.9	1.5	.1									3.5	4.5	4.0
230-250	1.1	.7	.2									2.0	4.9	4.0
(W) 260-280	1.0	1.6	.7	.3	.1	.0						3.7	7.6	7.0
290-310	2.5	3.5	2.5	.9	.3	.0						9.7	8.4	8.0
320-340	3.9	5.5	3.2	.8	.2	.0						13.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											46.7	////////////////////////////////	
TOTALS	23.8	19.4	7.2	2.0	.6							100.0	3.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	5.2	2.9										8.0
020-040	2.7	.1										2.9
050-070	2.3	.5										2.9
(E) 080-100	4.4	1.9	.1									6.4
110-130	4.5	.8	.1									5.5
140-160	2.3	.5										2.9
(S) 170-190	3.7	1.5										5.2
200-220	2.6	.8										3.4
230-250	1.8	.5										2.3
(W) 260-280	2.5	1.5	.1									4.1
290-310	2.0	1.2	1.0	.3	.1	.1						4.8
320-340	3.3	3.4	2.6									9.3
VARIABLE												
CALM	////////////////////////////////////											42.4
TOTALS	37.3	15.6	3.9	.3	.1	.1						100.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.4	.2	.0	.0							4.2	4.5	4.0
020-040	1.7	.4	.0	.0	.0							2.1	3.3	3.0
050-070	1.1	.3	.0									1.4	3.2	3.0
(E) 030-100	1.6	.4	.0									2.0	3.3	3.0
110-130	2.6	.9	.1	.0								3.6	3.7	3.0
140-160	3.8	2.1	.2	.0								6.1	4.3	4.0
(S) 170-190	3.4	2.6	.3	.0								6.3	4.7	4.0
200-220	2.2	1.5	.2	.0	.0							3.9	4.6	4.0
230-250	1.2	.7	.1	.0	.0							2.1	4.4	4.0
(W) 260-280	1.4	1.3	.5	.2	.0	.0						3.4	6.4	6.0
290-310	2.6	3.3	2.0	.5	.1	.0						8.5	7.4	7.0
320-340	4.1	4.3	2.0	.4	.1	.0	.0	.0				10.9	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											45.7	////////////////////////////////	
TOTALS	28.2	19.2	5.6	1.1	.2							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS: 87643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.6	.2									6.0	3.8	3.0
020-040	4.6	1.1	.0									5.8	3.3	3.0
050-070	2.9	1.1	.1									4.0	3.5	3.0
(E) 080-100	3.7	1.2	.1									5.0	3.5	3.0
110-130	3.6	1.1	.2	.0								4.9	3.7	3.0
140-160	3.4	1.7	.3									5.4	4.2	4.0
(S) 170-190	2.5	1.4	.1									4.0	4.1	4.0
200-220	1.7	.6	.0									2.4	3.8	4.0
230-250	.9	.3	.0									1.2	3.5	3.0
(W) 260-280	1.1	.5	.1	.0								1.7	4.3	4.0
290-310	2.3	1.3	.5	.1	.0	.0						4.3	5.4	4.0
320-340	4.5	2.6	.7	.1	.0	.0						8.0	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											47.4	////////	
TOTALS	35.4	14.5	2.3	.2								100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS: 8760

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	47.2	48.4	49.0	49.8	49.8	50.0	50.1	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6
GE 20000	52.6	54.5	55.9	56.8	57.6	57.6	57.8	58.1	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 18000	52.6	54.5	55.9	56.8	57.6	57.6	57.8	58.1	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 16000	52.6	54.5	55.9	56.8	57.6	57.6	57.8	58.1	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 14000	52.6	54.5	55.9	56.8	57.6	57.6	57.8	58.1	58.3	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 12000	53.4	55.4	57.0	57.8	58.7	58.7	58.9	59.1	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8
GE 10000	58.5	60.4	62.0	62.9	63.8	63.9	64.1	64.3	64.5	64.7	64.8	64.8	64.8	64.9	64.9	64.9
GE 9000	59.1	61.1	62.7	63.5	64.4	64.5	64.7	64.9	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6
GE 8000	64.3	66.5	68.2	69.1	70.2	70.3	70.8	71.0	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.6
GE 7000	65.5	67.6	69.4	70.3	71.4	71.5	71.9	72.2	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8
GE 6000	67.2	69.4	71.1	72.0	73.1	73.2	73.7	73.9	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5
GE 5000	68.4	70.9	72.8	73.9	74.9	75.1	75.6	75.8	76.0	76.2	76.3	76.3	76.3	76.5	76.5	76.5
GE 4500	70.2	72.8	74.9	76.0	77.1	77.2	78.0	78.2	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8
GE 4000	71.9	74.7	77.2	78.3	79.4	79.5	80.2	80.4	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1
GE 3500	73.2	76.2	78.7	79.9	81.0	81.2	81.9	82.2	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8
GE 3000	74.9	78.1	80.8	82.3	83.9	84.1	84.8	85.2	85.4	85.6	85.7	85.7	85.7	85.8	85.8	85.8
GE 2500	75.4	78.5	81.3	82.9	84.6	84.8	85.6	85.9	86.1	86.3	86.5	86.5	86.5	86.6	86.6	86.6
GE 2000	75.6	79.1	81.9	83.5	85.4	85.6	86.6	86.9	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5
GE 1800	75.6	79.1	81.9	83.8	85.6	85.8	86.8	87.1	87.3	87.5	87.6	87.6	87.6	87.7	87.7	87.7
GE 1500	76.0	79.7	82.7	84.8	86.7	86.9	87.8	88.2	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8
GE 1200	76.2	79.9	83.1	85.5	87.4	87.6	88.7	89.0	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7
GE 1000	76.5	80.1	83.5	86.2	88.3	88.8	90.0	90.3	90.5	90.9	91.0	91.0	91.1	91.2	91.2	91.2
GE 900	76.6	80.3	83.8	86.5	88.7	89.4	90.5	91.1	91.4	91.7	91.8	91.8	92.0	92.2	92.2	92.2
GE 800	76.7	80.5	84.1	87.0	89.4	90.0	91.3	91.8	92.2	92.5	92.6	92.6	92.8	92.9	92.9	92.9
GE 700	77.0	80.9	84.6	87.5	90.1	90.8	92.0	92.6	92.9	93.3	93.4	93.4	93.7	93.8	93.8	93.8
GE 600	77.0	80.9	84.6	87.5	90.4	91.1	92.4	93.0	93.3	94.0	94.1	94.2	94.4	94.5	94.5	94.5
GE 500	77.0	80.9	84.6	87.5	90.6	91.5	92.9	93.5	93.9	94.5	94.6	94.7	95.3	95.4	95.4	95.4
GE 400	77.0	81.1	84.8	87.7	91.0	92.2	93.8	94.9	95.4	96.5	96.7	96.8	97.3	97.4	97.4	97.4
GE 300	77.0	81.1	84.8	87.7	91.2	92.5	94.3	95.8	96.5	97.7	98.1	98.2	98.8	98.9	98.9	98.9
GE 200	77.0	81.1	84.8	87.7	91.2	92.5	94.3	95.8	96.5	97.7	98.1	98.2	98.9	99.0	99.0	99.0
GE 100	77.0	81.1	84.8	87.7	91.2	92.5	94.3	95.8	96.5	97.7	98.1	98.2	99.0	99.2	99.2	99.2
GE 000	77.0	81.1	84.8	87.7	91.2	92.5	94.3	95.8	96.5	97.7	98.1	98.2	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.9	45.7	46.7	47.6	47.6	47.7	47.7	47.7	47.8	48.0	48.0	48.2	48.2	48.3	48.3
GE 20000	48.6	50.5	53.0	54.0	55.1	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.6	55.6	55.7	55.8
GE 18000	48.6	50.5	53.0	54.0	55.1	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.6	55.6	55.7	55.8
GE 16000	48.6	50.5	53.0	54.0	55.1	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.6	55.6	55.7	55.8
GE 14000	48.7	50.6	53.1	54.1	55.2	55.2	55.3	55.3	55.3	55.4	55.5	55.5	55.7	55.7	55.8	55.9
GE 12000	49.8	51.7	54.2	55.5	56.6	56.6	56.7	56.7	56.7	56.8	56.9	56.9	57.1	57.1	57.2	57.3
GE 10000	55.9	57.8	60.3	61.6	62.7	62.7	62.8	62.8	62.8	62.9	63.0	63.0	63.2	63.2	63.3	63.4
GE 9000	56.1	58.1	60.6	61.9	63.0	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.5	63.5	63.7	63.8
GE 8000	60.4	62.8	65.4	66.7	68.1	68.1	68.4	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.9	69.0
GE 7000	60.6	63.2	65.8	67.1	68.5	68.5	68.8	68.8	68.8	68.9	69.0	69.0	69.2	69.2	69.4	69.5
GE 6000	62.0	64.7	67.3	68.6	70.1	70.1	70.4	70.4	70.4	70.5	70.6	70.6	70.9	70.9	71.0	71.1
GE 5000	63.9	66.7	69.7	71.1	72.6	72.6	72.9	72.9	72.9	73.0	73.1	73.1	73.3	73.3	73.4	73.5
GE 4500	66.1	69.4	72.8	74.2	75.9	76.0	76.6	76.6	76.6	76.7	76.8	76.8	77.0	77.0	77.1	77.2
GE 4000	67.4	70.9	74.5	75.9	77.6	77.7	78.4	78.5	78.5	78.6	78.7	78.7	78.9	78.9	79.0	79.1
GE 3500	69.4	73.1	76.9	78.3	80.0	80.1	80.9	81.0	81.0	81.1	81.2	81.2	81.4	81.4	81.5	81.6
GE 3000	70.9	74.7	78.7	80.2	82.4	82.9	83.8	84.0	84.0	84.1	84.2	84.2	84.4	84.4	84.5	84.6
GE 2500	71.7	75.6	79.7	81.4	83.5	84.1	84.9	85.2	85.2	85.3	85.4	85.4	85.6	85.6	85.7	85.8
GE 2000	72.7	76.7	80.9	82.8	85.2	85.7	86.7	86.9	86.9	87.0	87.1	87.1	87.3	87.3	87.4	87.5
GE 1800	72.7	76.7	81.0	83.0	85.5	86.0	87.0	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.7	87.8
GE 1500	73.4	77.4	82.3	84.4	87.0	87.5	88.5	88.7	88.7	88.8	88.9	88.9	89.1	89.1	89.2	89.4
GE 1200	74.1	78.1	82.9	85.1	87.7	88.3	89.2	89.5	89.5	89.6	89.7	89.7	89.9	89.9	90.0	90.1
GE 1000	74.4	78.4	83.2	85.4	88.2	88.7	89.9	90.2	90.2	90.4	90.5	90.5	90.8	90.8	90.9	91.0
GE 900	74.6	78.6	83.5	85.8	88.6	89.2	90.5	91.0	91.0	91.2	91.3	91.3	91.5	91.5	91.6	91.7
GE 800	74.6	78.6	83.5	86.1	89.0	89.7	91.2	91.6	91.6	91.8	91.9	91.9	92.2	92.2	92.3	92.4
GE 700	74.6	78.7	83.9	86.5	89.6	90.2	92.2	92.8	92.8	93.0	93.1	93.1	93.3	93.3	93.4	93.5
GE 600	74.6	78.7	84.0	86.7	90.2	91.1	93.2	93.9	94.0	94.2	94.3	94.3	94.5	94.5	94.6	94.7
GE 500	74.6	78.7	84.2	87.0	90.8	91.8	94.1	94.7	94.8	95.1	95.3	95.3	95.5	95.5	95.6	95.7
GE 400	74.6	78.7	84.2	87.2	91.1	92.6	94.8	95.5	95.6	96.0	96.2	96.3	96.7	96.7	96.9	97.0
GE 300	74.6	78.7	84.2	87.2	91.2	92.7	94.9	95.8	96.0	96.5	96.8	97.0	97.6	97.6	98.0	98.1
GE 200	74.6	78.7	84.2	87.2	91.2	92.8	95.1	96.1	96.5	97.0	97.4	97.6	98.6	98.6	99.0	99.1
GE 100	74.6	78.7	84.2	87.2	91.2	92.8	95.1	96.1	96.5	97.0	97.4	97.6	98.8	98.8	99.5	99.6
GE 000	74.6	78.7	84.2	87.2	91.2	92.8	95.1	96.1	96.5	97.0	97.4	97.6	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	40.6	42.7	44.4	45.5	45.8	46.1	46.2	46.2	46.3	46.6	46.6	46.6	46.6	46.8	46.8
GE 20000	43.7	46.1	48.6	50.4	51.7	52.0	52.5	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.3	53.4
GE 18000	43.7	46.1	48.6	50.4	51.7	52.0	52.5	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.3	53.4
GE 16000	43.7	46.1	48.6	50.4	51.7	52.0	52.5	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.3	53.4
GE 14000	44.3	46.8	49.2	51.1	52.4	52.7	53.1	53.2	53.2	53.4	53.7	53.7	53.7	53.7	54.0	54.1
GE 12000	45.3	47.7	50.3	52.2	53.4	53.8	54.2	54.3	54.3	54.5	54.7	54.7	54.7	54.7	55.1	55.2
GE 10000	49.5	52.6	55.3	57.3	58.6	58.9	59.4	59.5	59.5	59.7	59.9	59.9	59.9	59.9	60.2	60.3
GE 9000	50.3	53.5	56.2	58.3	59.6	59.9	60.3	60.4	60.4	60.6	60.9	60.9	60.9	60.9	61.2	61.3
GE 8000	54.4	58.1	61.0	63.4	64.7	65.1	65.5	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.3	66.5
GE 7000	55.2	59.1	62.2	64.6	65.9	66.2	66.7	66.8	66.8	67.0	67.2	67.2	67.2	67.2	67.5	67.6
GE 6000	55.8	59.9	62.9	65.4	66.7	67.0	67.4	67.5	67.5	67.7	68.0	68.0	68.0	68.0	68.3	68.4
GE 5000	58.5	62.8	65.9	68.5	69.8	70.1	70.5	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.4	71.5
GE 4500	62.0	66.5	69.8	72.4	73.8	74.1	74.6	74.7	74.7	74.9	75.2	75.2	75.2	75.2	75.5	75.6
GE 4000	64.1	68.7	72.3	75.1	76.7	77.1	77.7	77.8	77.8	78.1	78.3	78.3	78.3	78.3	78.6	78.7
GE 3500	65.1	69.8	73.5	76.6	78.2	78.6	79.2	79.4	79.4	79.6	79.8	79.8	79.8	79.8	80.1	80.2
GE 3000	67.6	72.5	76.3	79.8	81.5	81.9	82.6	82.8	82.8	83.0	83.2	83.2	83.2	83.2	83.5	83.7
GE 2500	68.0	72.9	76.9	80.5	82.4	82.8	83.4	83.7	83.7	83.9	84.2	84.2	84.3	84.3	84.6	84.7
GE 2000	68.6	73.9	77.8	81.5	83.4	84.1	84.9	85.2	85.3	85.5	85.8	85.8	85.9	85.9	86.2	86.3
GE 1800	68.8	74.2	78.2	81.9	83.9	84.5	85.4	85.6	85.7	85.9	86.2	86.2	86.3	86.3	86.7	86.8
GE 1500	68.9	74.5	78.7	82.5	84.5	85.2	86.3	86.6	86.7	86.9	87.2	87.2	87.3	87.3	87.6	87.7
GE 1200	69.2	74.8	79.1	83.1	85.5	86.1	87.3	87.5	87.6	88.0	88.3	88.3	88.4	88.4	88.7	88.8
GE 1000	69.9	75.6	80.2	84.4	87.3	88.0	89.1	89.4	89.5	89.9	90.2	90.2	90.3	90.3	90.6	90.8
GE 900	70.1	75.8	80.5	85.1	88.0	88.7	90.0	90.4	90.5	91.0	91.3	91.3	91.4	91.4	91.7	91.8
GE 800	70.1	75.8	80.5	85.1	88.0	88.7	90.0	90.4	90.5	91.0	91.3	91.3	91.4	91.4	91.7	91.8
GE 700	70.2	76.0	80.8	85.3	88.5	89.2	90.8	91.3	91.4	91.8	92.2	92.2	92.3	92.3	92.6	92.7
GE 600	70.2	76.0	80.8	85.5	88.9	89.7	91.2	91.8	92.0	92.6	92.9	92.9	93.0	93.0	93.3	93.4
GE 500	70.3	76.1	81.2	86.0	90.1	91.1	92.8	93.7	93.9	94.4	94.7	94.7	94.8	94.8	95.2	95.3
GE 400	70.3	76.1	81.2	86.0	90.2	91.3	93.3	94.2	94.4	95.5	96.2	96.2	96.3	96.3	96.9	97.0
GE 300	70.3	76.1	81.2	86.0	90.4	91.5	93.7	94.7	94.9	96.0	97.3	97.4	98.3	98.3	98.9	99.0
GE 200	70.4	76.2	81.3	86.1	90.5	91.6	93.8	95.1	95.3	96.5	97.7	98.0	98.9	98.9	99.7	99.8
GE 100	70.4	76.2	81.3	86.1	90.5	91.6	93.8	95.1	95.3	96.5	97.7	98.0	99.0	99.0	99.8	100.0
GE 000	70.4	76.2	81.3	86.1	90.5	91.6	93.8	95.1	95.3	96.5	97.7	98.0	99.0	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.6	39.8	41.4	41.8	42.4	42.5	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.9	42.9
GE 20000	42.2	45.1	47.0	47.8	48.5	48.6	48.8	48.8	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1
GE 18000	42.4	45.3	47.2	48.1	48.7	48.8	49.0	49.0	49.0	49.1	49.2	49.2	49.2	49.4	49.4	49.4
GE 16000	42.6	45.5	47.4	48.3	48.9	49.0	49.2	49.2	49.2	49.4	49.5	49.5	49.5	49.6	49.6	49.6
GE 14000	43.8	46.7	48.8	49.7	50.3	50.4	50.6	50.6	50.6	50.8	50.9	50.9	50.9	51.0	51.0	51.0
GE 12000	44.8	48.0	50.1	51.0	51.6	51.7	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.3	52.3	52.3
GE 10000	48.9	53.3	55.7	56.7	57.3	57.4	57.7	57.7	57.7	57.8	58.0	58.0	58.0	58.1	58.1	58.1
GE 9000	50.2	54.7	57.2	58.3	58.9	59.0	59.4	59.4	59.4	59.5	59.6	59.6	59.6	59.7	59.7	59.7
GE 8000	55.4	60.1	63.1	64.6	65.5	65.6	66.0	66.0	66.1	66.2	66.3	66.3	66.5	66.6	66.6	66.6
GE 7000	56.1	60.9	63.9	65.4	66.3	66.5	66.9	66.9	67.0	67.1	67.2	67.2	67.4	67.5	67.5	67.6
GE 6000	57.4	62.6	66.0	67.5	68.5	68.7	69.1	69.1	69.2	69.4	69.5	69.5	69.7	69.8	69.8	69.9
GE 5000	59.8	65.5	68.9	70.4	71.5	71.7	72.2	72.2	72.3	72.4	72.5	72.5	72.7	72.8	72.8	72.9
GE 4500	62.6	68.7	72.3	73.8	74.8	75.2	75.7	75.7	75.8	75.9	76.0	76.0	76.2	76.3	76.3	76.5
GE 4000	65.2	71.5	75.7	77.4	78.5	78.8	79.4	79.5	79.6	79.7	79.8	79.8	80.0	80.1	80.1	80.2
GE 3500	66.5	72.8	77.2	79.0	80.2	80.5	81.1	81.3	81.4	81.5	81.6	81.6	81.8	81.9	81.9	82.0
GE 3000	67.5	74.3	78.9	80.8	81.9	82.3	82.8	83.0	83.1	83.2	83.3	83.3	83.5	83.7	83.7	83.8
GE 2500	67.5	74.7	79.5	81.3	82.7	83.0	83.5	83.9	84.0	84.1	84.2	84.2	84.4	84.5	84.5	84.6
GE 2000	67.7	75.1	79.8	81.6	83.1	83.7	84.2	84.5	84.6	84.7	84.9	84.9	85.2	85.3	85.3	85.4
GE 1800	67.7	75.1	79.8	81.6	83.1	83.7	84.2	84.5	84.6	84.7	84.9	84.9	85.2	85.3	85.3	85.4
GE 1500	67.8	75.4	80.4	82.3	83.9	84.4	85.1	85.5	85.6	85.7	86.1	86.1	86.3	86.5	86.5	86.6
GE 1200	67.8	75.5	80.8	82.9	84.8	85.5	86.2	86.7	86.8	86.9	87.3	87.3	87.5	87.6	87.6	87.7
GE 1000	68.1	75.8	81.4	83.8	85.9	86.6	87.5	88.0	88.1	88.3	88.7	88.7	88.9	89.0	89.0	89.1
GE 900	68.3	76.0	81.6	84.2	87.0	87.6	88.7	89.1	89.2	89.6	90.0	90.0	90.3	90.4	90.4	90.5
GE 800	68.4	76.2	81.8	84.5	87.6	88.3	89.4	89.8	89.9	90.4	90.9	90.9	91.2	91.4	91.4	91.5
GE 700	68.4	76.2	81.8	84.5	87.7	88.4	89.6	90.1	90.2	90.8	91.2	91.2	91.5	91.7	91.7	91.8
GE 600	68.4	76.2	82.0	84.8	88.2	88.8	90.0	90.9	91.0	91.5	92.0	92.0	92.4	92.7	92.8	92.9
GE 500	68.4	76.2	82.0	84.8	88.5	89.1	91.1	92.3	92.5	93.1	93.9	93.9	94.4	94.7	94.8	94.9
GE 400	68.5	76.3	82.2	85.1	88.7	89.5	91.5	92.9	93.2	94.1	94.9	94.9	95.7	96.1	96.2	96.3
GE 300	68.5	76.3	82.3	85.2	88.8	89.6	91.9	93.4	93.9	94.9	95.9	95.9	97.1	97.6	98.1	98.2
GE 200	68.5	76.3	82.3	85.2	88.8	89.6	91.9	93.4	94.0	95.3	96.2	96.2	97.7	98.5	99.2	99.7
GE 100	68.5	76.3	82.3	85.2	88.8	89.6	91.9	93.4	94.0	95.3	96.2	96.2	97.7	98.5	99.2	100.0
GE 000	68.5	76.3	82.3	85.2	88.8	89.6	91.9	93.4	94.0	95.3	96.2	96.2	97.7	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	45.1	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 20000	50.0	52.7	53.5	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	50.3	53.0	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	50.8	53.4	54.3	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	51.1	53.8	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	52.9	55.6	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	58.1	61.3	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	58.6	61.9	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	61.9	65.9	67.2	67.7	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	62.9	67.1	68.4	68.9	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	63.9	68.2	69.5	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	66.6	71.0	72.3	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	67.8	72.5	73.8	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	71.6	76.2	78.1	78.7	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	74.0	78.8	80.9	81.6	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	75.3	80.1	82.2	82.9	83.4	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	75.6	80.5	82.7	83.4	84.0	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	75.8	80.8	82.9	83.8	84.3	84.5	84.8	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	75.8	80.8	83.0	83.9	84.4	84.6	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	75.9	81.0	83.8	84.6	85.2	85.4	85.7	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	76.0	81.3	84.4	85.5	86.0	86.3	86.7	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	76.5	81.8	85.4	86.7	87.4	87.8	88.5	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	76.5	81.8	85.5	86.9	87.6	88.1	88.7	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	76.5	81.8	85.6	87.1	88.1	88.5	89.2	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	76.5	82.0	85.9	87.5	88.6	89.1	89.9	90.6	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2
GE 600	76.5	82.2	86.1	87.8	88.9	89.8	90.9	91.7	91.8	92.2	92.3	92.3	92.3	92.4	92.4	92.4
GE 500	76.7	82.4	86.8	88.6	90.1	91.0	92.7	93.7	93.8	94.2	94.4	94.4	94.4	94.5	94.5	94.5
GE 400	76.8	82.5	87.0	88.8	90.6	91.6	93.5	95.2	95.4	95.9	96.3	96.3	96.3	96.6	96.6	96.6
GE 300	76.8	82.5	87.0	89.1	91.0	91.9	94.3	96.2	96.6	97.3	98.1	98.2	98.3	98.6	98.8	98.8
GE 200	76.8	82.5	87.0	89.1	91.0	91.9	94.3	96.2	96.7	97.5	98.3	98.4	98.5	98.9	99.1	99.5
GE 100	76.8	82.5	87.0	89.1	91.0	91.9	94.3	96.2	96.7	97.5	98.3	98.4	98.6	99.0	99.4	100.0
GE 000	76.8	82.5	87.0	89.1	91.0	91.9	94.3	96.2	96.7	97.5	98.3	98.4	98.6	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	54.5	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	55.3	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	55.6	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000	56.0	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	57.3	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.5	64.4	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	62.3	65.2	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	65.7	68.9	69.8	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 7000	66.8	70.1	71.0	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 6000	68.1	71.7	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 5000	69.7	73.4	74.5	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 4500	71.8	76.0	77.1	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 4000	75.3	80.0	81.2	81.6	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 3500	76.0	81.1	82.3	82.7	82.8	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
GE 3000	77.1	82.2	83.4	84.2	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
GE 2500	77.2	82.3	83.5	84.3	84.6	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 2000	77.4	82.5	83.8	84.5	85.1	85.4	85.6	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1
GE 1800	77.5	82.8	84.1	84.8	85.5	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6
GE 1500	78.6	83.9	85.3	86.2	86.9	87.2	87.4	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0
GE 1200	78.6	84.1	85.6	87.0	87.8	88.2	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1
GE 1000	79.1	84.6	86.2	87.7	89.0	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8
GE 900	79.1	84.6	86.2	87.7	89.1	89.6	90.2	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0
GE 800	79.1	84.7	86.5	88.1	89.7	90.2	90.9	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 700	79.2	84.9	86.9	88.7	90.6	91.2	91.8	92.4	92.5	92.5	92.5	92.5	92.8	93.0	93.0	93.0
GE 600	79.2	85.3	87.3	89.1	91.3	91.9	92.7	93.3	93.4	93.4	93.4	93.4	94.1	94.3	94.3	94.3
GE 500	79.2	85.3	87.6	89.7	91.8	92.7	93.5	94.4	94.5	94.6	94.7	94.7	95.6	95.8	95.8	95.8
GE 400	79.2	85.3	87.8	89.9	92.0	93.1	94.1	95.4	95.7	95.9	96.0	96.1	97.0	97.2	97.2	97.2
GE 300	79.2	85.3	87.8	89.9	92.2	93.3	94.5	95.9	96.2	96.9	97.0	97.1	98.3	98.6	98.8	98.9
GE 200	79.2	85.3	87.8	89.9	92.2	93.3	94.5	95.9	96.2	96.9	97.3	97.4	98.7	99.0	99.5	99.8
GE 100	79.2	85.3	87.8	89.9	92.2	93.3	94.5	95.9	96.2	96.9	97.3	97.4	98.7	99.0	99.6	100.0
GE 000	79.2	85.3	87.8	89.9	92.2	93.3	94.5	95.9	96.2	96.9	97.3	97.4	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 950

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	48.8	49.4	49.6	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
GE 20000	54.4	55.8	56.5	56.7	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.5
GE 18000	55.4	56.8	57.4	57.6	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.5
GE 16000	55.7	57.1	57.7	58.0	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.8	58.8
GE 14000	56.3	57.7	58.6	58.8	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
GE 12000	58.1	59.5	60.3	60.5	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4
GE 10000	63.2	64.8	65.8	66.0	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.9
GE 9000	63.8	65.4	66.3	66.6	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4
GE 8000	66.9	68.7	69.9	70.1	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.3
GE 7000	68.1	70.4	71.6	71.9	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.1
GE 6000	69.2	71.6	72.8	73.1	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.3
GE 5000	70.8	73.1	74.3	74.6	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.8
GE 4500	72.9	75.9	77.1	77.5	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.7
GE 4000	75.4	78.6	79.9	80.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.6	81.7
GE 3500	76.7	80.1	81.5	82.2	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.3
GE 3000	77.5	81.3	82.9	83.7	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.8
GE 2500	77.6	81.4	83.0	83.8	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.9
GE 2000	77.7	81.7	83.4	84.2	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.5
GE 1800	78.2	82.2	83.9	84.6	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	86.0
GE 1500	78.4	82.6	84.4	85.3	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.5
GE 1200	78.8	83.2	85.3	86.3	87.6	88.2	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9	89.0
GE 1000	79.6	84.0	86.1	87.4	88.8	89.7	90.2	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.8	90.9
GE 900	79.6	84.0	86.1	87.4	88.8	89.7	90.2	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.8	90.9
GE 800	79.7	84.1	86.3	87.7	89.5	90.4	91.5	91.8	91.9	92.0	92.0	92.0	92.2	92.2	92.3	92.4
GE 700	79.7	84.1	86.5	87.8	89.9	90.9	91.9	92.3	92.6	92.8	92.9	92.9	93.0	93.0	93.1	93.2
GE 600	79.7	84.1	86.6	88.0	90.2	91.4	92.6	92.9	93.2	93.4	93.5	93.5	93.7	93.7	93.8	93.9
GE 500	79.7	84.2	86.9	88.5	90.8	92.2	93.4	93.9	94.2	94.8	94.9	94.9	95.1	95.1	95.2	95.3
GE 400	79.8	84.4	87.1	88.7	91.0	92.4	93.9	94.7	95.1	95.7	96.1	96.1	96.2	96.3	96.6	96.7
GE 300	79.8	84.4	87.1	88.7	91.2	92.6	94.4	95.3	95.9	97.0	97.4	97.4	97.6	97.7	98.1	98.2
GE 200	79.8	84.4	87.1	88.7	91.2	92.6	94.5	95.5	96.1	97.4	98.1	98.1	98.6	98.7	99.1	99.2
GE 100	79.8	84.4	87.1	88.7	91.2	92.6	94.5	95.5	96.1	97.4	98.1	98.1	98.6	98.7	99.1	99.6
GE 000	79.8	84.4	87.1	88.7	91.2	92.6	94.5	95.5	96.1	97.4	98.1	98.1	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	49.0	50.1	50.5	50.9	50.9	51.0	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.4	51.5
GE 20000	55.1	56.5	57.5	58.0	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.8	58.9
GE 18000	55.1	56.5	57.5	58.0	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.8	58.9
GE 16000	55.2	56.6	57.6	58.1	58.4	58.4	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.9	59.0
GE 14000	55.6	57.0	58.4	58.8	59.1	59.1	59.2	59.4	59.4	59.4	59.5	59.6	59.6	59.6	59.7	59.8
GE 12000	56.3	57.7	59.1	59.6	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.4	60.5
GE 10000	61.7	63.1	64.5	64.9	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.9	66.0
GE 9000	62.7	64.1	65.5	65.9	66.3	66.3	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.9	67.0
GE 8000	67.2	69.0	70.4	71.0	71.6	71.6	71.7	71.8	71.8	71.8	71.9	72.0	72.2	72.2	72.3	72.4
GE 7000	68.8	71.1	72.6	73.1	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.2	74.3	74.3	74.4	74.5
GE 6000	69.5	71.7	73.2	73.8	74.4	74.4	74.5	74.6	74.6	74.6	74.7	74.8	74.9	74.9	75.1	75.2
GE 5000	70.3	72.6	74.5	75.2	75.8	75.8	75.9	76.0	76.0	76.0	76.1	76.2	76.3	76.3	76.5	76.6
GE 4500	72.9	75.3	77.4	78.1	79.0	79.0	79.1	79.2	79.2	79.2	79.4	79.5	79.6	79.6	79.7	79.8
GE 4000	74.6	77.2	79.5	80.2	81.2	81.2	81.3	81.4	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.9
GE 3500	75.6	78.3	80.5	81.3	82.3	82.4	82.6	82.7	82.7	82.7	82.8	82.9	83.0	83.0	83.1	83.2
GE 3000	76.8	79.7	81.9	82.7	84.0	84.1	84.3	84.4	84.4	84.4	84.5	84.6	84.7	84.7	84.8	85.1
GE 2500	77.1	80.1	82.6	83.4	84.7	84.8	85.2	85.3	85.3	85.3	85.4	85.5	85.6	85.6	85.7	85.9
GE 2000	77.6	80.9	83.3	84.2	85.5	85.7	86.0	86.1	86.1	86.1	86.2	86.3	86.5	86.5	86.6	86.8
GE 1800	77.7	81.1	83.5	84.4	85.7	85.9	86.2	86.3	86.3	86.3	86.5	86.6	86.7	86.7	86.8	87.0
GE 1500	78.1	81.6	84.6	85.9	87.4	87.6	88.0	88.1	88.1	88.1	88.2	88.3	88.4	88.4	88.5	88.7
GE 1200	78.4	81.9	85.2	86.5	88.1	88.5	88.9	89.0	89.0	89.0	89.1	89.2	89.4	89.4	89.5	89.7
GE 1000	78.9	82.6	85.9	87.3	89.0	89.6	90.0	90.1	90.1	90.4	90.5	90.6	90.8	90.8	90.9	91.1
GE 900	78.9	82.7	86.1	87.8	89.8	90.6	91.1	91.4	91.4	91.7	91.8	91.9	92.0	92.0	92.2	92.4
GE 800	78.9	82.8	86.2	88.2	90.1	91.0	91.6	91.9	91.9	92.3	92.4	92.5	92.6	92.6	92.7	92.9
GE 700	79.1	83.0	86.6	88.9	91.0	92.0	92.9	93.2	93.4	93.9	94.0	94.1	94.2	94.2	94.3	94.5
GE 600	79.1	83.1	86.9	89.2	91.4	92.6	93.5	93.9	94.1	94.6	94.7	94.8	94.9	94.9	95.1	95.3
GE 500	79.4	83.3	87.2	89.6	91.8	93.1	94.1	94.7	94.9	95.5	95.6	95.7	95.8	95.8	95.9	96.1
GE 400	79.4	83.3	87.4	89.9	92.4	93.7	94.9	95.7	95.9	96.7	96.8	96.9	97.0	97.0	97.1	97.3
GE 300	79.4	83.3	87.4	89.9	92.5	93.9	95.3	96.2	96.5	97.3	97.6	97.7	97.8	98.0	98.3	98.5
GE 200	79.4	83.3	87.4	89.9	92.5	93.9	95.3	96.2	96.5	97.3	97.7	97.8	98.0	98.1	98.5	98.8
GE 100	79.4	83.3	87.4	89.9	92.5	93.9	95.3	96.2	96.5	97.3	97.7	97.8	98.2	98.5	99.0	99.5
GE 000	79.4	83.3	87.4	89.9	92.5	93.9	95.3	96.2	96.5	97.3	97.7	97.8	98.2	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	45.3	46.4	47.0	47.4	47.5	47.7	47.7	47.7	47.8	47.8	47.9	47.9	47.9	48.0	48.0
GE 20000	50.1	52.3	53.7	54.4	55.0	55.1	55.2	55.3	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.7
GE 18000	50.4	52.6	54.0	54.7	55.3	55.3	55.5	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.9	56.0
GE 16000	50.6	52.8	54.2	54.9	55.4	55.5	55.7	55.7	55.8	55.8	55.9	55.9	56.0	56.0	56.1	56.1
GE 14000	51.0	53.3	54.8	55.5	56.0	56.1	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.6	56.7	56.7
GE 12000	52.2	54.5	56.0	56.8	57.4	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.0
GE 10000	57.2	59.7	61.4	62.2	62.8	62.8	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.4	63.5
GE 9000	57.9	60.5	62.2	63.0	63.6	63.7	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.3
GE 8000	62.0	65.0	66.9	67.8	68.6	68.7	69.0	69.0	69.1	69.1	69.2	69.2	69.3	69.3	69.4	69.5
GE 7000	63.0	66.2	68.1	69.1	69.9	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.8
GE 6000	64.1	67.5	69.4	70.4	71.2	71.4	71.6	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.1	72.2
GE 5000	66.0	69.5	71.6	72.7	73.5	73.6	73.9	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.4
GE 4500	68.3	72.1	74.4	75.5	76.3	76.5	76.8	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.3	77.4
GE 4000	70.7	74.7	77.3	78.5	79.4	79.6	80.0	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.6
GE 3500	72.0	76.3	78.9	80.2	81.1	81.3	81.8	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.3	82.4
GE 3000	73.5	77.8	80.6	82.1	83.2	83.5	84.0	84.1	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.6
GE 2500	73.8	78.3	81.1	82.6	83.9	84.1	84.6	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.3	85.3
GE 2000	74.2	78.8	81.7	83.3	84.6	84.9	85.5	85.8	85.8	85.9	86.0	86.0	86.1	86.2	86.3	86.3
GE 1800	74.3	79.0	81.9	83.5	84.9	85.2	85.8	86.0	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6
GE 1500	74.7	79.5	82.8	84.5	86.0	86.4	87.0	87.3	87.3	87.4	87.6	87.6	87.7	87.7	87.8	87.9
GE 1200	74.9	79.9	83.3	85.2	86.9	87.3	88.0	88.3	88.4	88.5	88.6	88.7	88.8	88.8	88.9	89.0
GE 1000	75.4	80.4	84.0	86.1	88.0	88.6	89.4	89.7	89.8	90.0	90.2	90.2	90.3	90.3	90.4	90.5
GE 900	75.5	80.5	84.2	86.4	88.5	89.1	90.0	90.4	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.3
GE 800	75.5	80.6	84.3	86.7	88.9	89.6	90.6	91.1	91.2	91.5	91.6	91.6	91.8	91.8	91.9	92.0
GE 700	75.6	80.7	84.6	87.1	89.5	90.2	91.4	91.9	92.1	92.4	92.5	92.6	92.7	92.8	92.9	93.0
GE 600	75.6	80.8	84.8	87.3	89.9	90.8	92.1	92.7	92.9	93.2	93.4	93.4	93.7	93.8	93.8	93.9
GE 500	75.7	80.9	85.1	87.7	90.6	91.6	93.1	93.9	94.1	94.5	94.8	94.8	95.1	95.2	95.3	95.4
GE 400	75.7	81.0	85.2	87.9	90.9	92.0	93.7	94.8	95.1	95.8	96.2	96.2	96.6	96.7	96.9	96.9
GE 300	75.7	81.0	85.2	88.0	91.0	92.2	94.2	95.4	95.8	96.7	97.3	97.4	98.0	98.2	98.5	98.6
GE 200	75.7	81.0	85.2	88.0	91.1	92.3	94.2	95.5	96.0	96.9	97.6	97.7	98.5	98.7	99.2	99.4
GE 100	75.7	81.0	85.2	88.0	91.1	92.3	94.2	95.5	96.0	96.9	97.6	97.7	98.6	98.9	99.4	99.7
GE 000	75.7	81.0	85.2	88.0	91.1	92.3	94.2	95.5	96.0	96.9	97.6	97.7	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: /24037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.5	48.5	49.3	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.5
GE 20000	52.2	54.7	55.8	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0
GE 18000	52.2	54.7	56.1	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE 16000	52.2	54.7	56.1	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE 14000	52.2	54.7	56.1	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3
GE 12000	52.5	55.0	56.4	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.6	57.6	57.6	57.6
GE 10000	55.9	58.7	60.3	61.0	61.0	61.0	61.2	61.3	61.3	61.3	61.7	61.7	61.8	61.8	61.8	61.8
GE 9000	56.5	59.3	60.9	61.6	61.6	61.6	61.8	62.1	62.1	62.1	62.4	62.4	62.5	62.5	62.5	62.5
GE 8000	61.3	64.3	66.0	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.5	67.5	67.6	67.6	67.6	67.6
GE 7000	61.7	64.7	66.4	67.1	67.1	67.1	67.4	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1
GE 6000	62.2	65.2	67.1	67.8	67.8	67.8	68.1	68.3	68.3	68.3	68.7	68.7	68.8	68.8	68.8	68.8
GE 5000	63.5	66.5	68.4	69.1	69.1	69.1	69.4	69.6	69.6	69.6	70.0	70.0	70.1	70.1	70.1	70.1
GE 4500	64.9	68.1	70.0	70.7	70.7	70.7	70.9	71.2	71.2	71.2	71.5	71.5	71.6	71.6	71.6	71.6
GE 4000	66.5	70.2	72.1	72.8	73.0	73.0	73.3	73.5	73.5	73.5	73.9	73.9	74.0	74.0	74.0	74.0
GE 3500	68.0	71.9	74.0	74.8	75.1	75.1	75.3	75.5	75.5	75.5	75.9	75.9	76.0	76.0	76.0	76.0
GE 3000	70.4	74.5	76.6	77.4	77.7	77.7	78.1	78.4	78.4	78.4	78.7	78.7	78.8	78.8	78.8	78.8
GE 2500	71.7	75.9	78.1	79.0	79.2	79.2	79.7	79.9	79.9	79.9	80.3	80.3	80.4	80.4	80.4	80.4
GE 2000	72.6	76.7	79.1	79.9	80.1	80.1	80.6	80.9	80.9	80.9	81.2	81.2	81.3	81.3	81.3	81.3
GE 1800	72.8	77.1	79.4	80.3	80.5	80.5	81.0	81.2	81.2	81.2	81.6	81.6	81.7	81.7	81.7	81.7
GE 1500	73.4	78.1	80.9	81.9	82.3	82.5	83.0	83.2	83.2	83.2	83.6	83.7	83.8	83.8	83.8	83.8
GE 1200	74.2	79.0	81.7	83.2	83.8	84.2	84.6	84.9	84.9	84.9	85.2	85.3	85.5	85.5	85.5	85.5
GE 1000	74.3	79.3	82.2	83.7	84.4	84.8	85.2	85.5	85.5	85.5	85.8	85.9	86.1	86.1	86.1	86.1
GE 900	74.3	79.4	82.3	83.9	84.6	85.6	86.1	86.3	86.3	86.3	86.6	86.8	86.9	86.9	86.9	86.9
GE 800	74.5	79.7	82.6	84.4	85.1	86.1	86.5	86.8	86.8	86.8	87.1	87.2	87.4	87.4	87.4	87.4
GE 700	74.7	80.0	83.0	84.8	85.8	87.0	87.8	88.3	88.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9
GE 600	74.7	80.1	83.5	85.3	86.6	87.9	88.8	89.4	89.4	89.6	90.1	90.2	90.4	90.4	90.4	90.4
GE 500	74.7	80.3	83.7	85.9	88.5	90.2	91.1	91.7	91.7	92.0	92.4	92.6	92.8	92.8	92.8	92.8
GE 400	74.7	80.3	83.8	86.3	88.9	90.7	92.0	92.6	92.7	92.9	93.4	93.5	94.1	94.1	94.2	94.2
GE 300	74.7	80.3	83.8	86.3	89.1	91.0	92.7	93.5	94.2	94.6	95.2	95.3	95.9	96.0	96.5	96.5
GE 200	74.7	80.3	83.8	86.3	89.1	91.0	92.9	93.7	94.7	95.3	95.9	96.0	96.8	96.9	97.6	98.2
GE 100	74.7	80.3	83.8	86.3	89.1	91.0	92.9	93.7	94.7	95.3	95.9	96.0	96.9	97.0	98.2	99.5
GE 000	74.7	80.3	83.8	86.3	89.1	91.0	92.9	93.7	94.7	95.3	95.9	96.0	96.9	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	45.5	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8
GE 20000	48.2	52.1	54.5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
GE 18000	48.3	52.2	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 16000	48.3	52.2	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 14000	48.3	52.2	54.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
GE 12000	48.9	52.8	55.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 10000	54.7	58.7	61.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 9000	55.0	59.0	61.5	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 8000	58.3	63.0	65.6	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 7000	58.4	63.1	65.7	66.9	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
GE 6000	59.0	63.7	66.4	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 5000	60.3	65.1	67.8	69.0	69.6	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 4500	61.5	66.5	69.3	70.4	71.0	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9
GE 4000	62.1	67.3	70.0	71.2	71.7	72.0	72.1	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 3500	64.2	69.4	72.3	73.6	74.3	74.6	74.7	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 3000	65.8	71.3	74.5	75.9	76.6	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 2500	67.5	73.0	76.2	77.7	78.5	78.7	78.8	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 2000	69.0	74.6	77.9	79.3	80.1	80.5	80.7	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 1800	69.5	75.1	78.4	79.8	80.6	81.0	81.2	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
GE 1500	70.3	76.6	79.9	81.6	82.5	82.9	83.1	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 1200	70.6	76.8	80.4	82.2	83.3	83.7	84.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 1000	70.8	77.5	81.3	83.1	84.3	84.6	85.1	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 900	71.0	77.8	81.6	83.5	85.0	85.7	86.2	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8
GE 800	71.0	77.8	81.6	83.5	85.1	85.8	86.3	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 700	71.0	78.1	81.9	84.0	86.1	87.1	87.7	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 600	71.0	78.3	82.2	84.5	86.9	87.9	88.5	89.1	89.1	89.1	89.1	89.2	89.2	89.4	89.4	89.4
GE 500	71.0	78.5	82.6	85.8	88.9	90.1	91.1	92.0	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7
GE 400	71.0	78.6	83.0	86.2	89.4	91.1	92.2	93.0	93.5	93.5	93.5	93.7	93.7	94.0	94.1	94.2
GE 300	71.0	78.6	83.0	86.2	89.4	91.5	93.3	94.4	95.3	95.3	95.3	95.6	95.6	96.0	96.1	96.3
GE 200	71.0	78.6	83.0	86.2	89.4	91.6	93.4	94.6	95.4	95.7	95.7	96.2	96.2	96.6	96.9	97.4
GE 100	71.0	78.6	83.0	86.2	89.4	91.6	93.4	94.6	95.4	95.9	96.5	96.5	97.0	97.4	98.1	99.4
GE 000	71.0	78.6	83.0	86.2	89.4	91.6	93.4	94.6	95.4	95.9	96.5	96.5	97.0	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	40.4	43.7	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.2
GE 20000	39.1	44.6	48.0	50.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.8
GE 18000	39.1	44.8	48.2	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0
GE 16000	39.1	44.8	48.2	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0
GE 14000	39.1	44.9	48.7	51.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4	52.4	52.4	52.5
GE 12000	39.6	45.5	49.4	52.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.3
GE 10000	45.6	52.2	56.6	59.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9
GE 9000	46.3	53.0	57.4	60.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7
GE 8000	49.6	56.5	61.0	63.8	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6
GE 7000	50.1	57.3	61.9	64.9	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.8
GE 6000	50.5	57.7	62.3	65.2	66.4	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
GE 5000	51.4	58.7	63.4	66.3	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.4
GE 4500	52.2	59.6	64.2	67.1	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.3
GE 4000	53.2	60.8	65.4	68.3	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.4
GE 3500	55.1	63.1	67.7	70.7	72.1	72.5	72.7	72.7	72.8	72.9	73.0	73.0	73.3	73.3	73.3	73.4
GE 3000	57.1	65.4	70.1	73.6	75.2	75.5	75.8	75.8	75.9	76.0	76.1	76.1	76.4	76.4	76.4	76.5
GE 2500	57.8	66.1	70.8	74.3	75.9	76.5	76.7	76.7	76.8	77.0	77.1	77.1	77.3	77.3	77.3	77.5
GE 2000	59.0	67.7	72.7	76.6	78.3	79.0	79.2	79.3	79.4	79.6	79.7	79.7	79.9	79.9	79.9	80.1
GE 1800	59.5	68.3	73.4	77.3	79.0	79.7	80.3	80.4	80.5	80.6	80.7	80.7	81.0	81.0	81.0	81.2
GE 1500	60.0	69.3	75.1	79.6	81.2	82.0	82.6	83.0	83.1	83.3	83.5	83.5	83.7	83.7	83.7	83.9
GE 1200	60.0	69.3	75.5	80.4	82.0	82.9	83.5	83.8	83.9	84.2	84.3	84.3	84.5	84.5	84.5	84.8
GE 1000	60.3	69.7	76.0	81.0	82.7	83.7	84.3	84.6	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.6
GE 900	60.5	70.0	76.5	81.6	83.5	84.6	85.3	85.7	85.8	86.1	86.2	86.2	86.4	86.4	86.4	86.6
GE 800	60.5	70.1	76.6	81.7	83.9	85.1	85.9	86.3	86.4	86.8	86.9	86.9	87.1	87.1	87.1	87.4
GE 700	60.6	70.4	77.1	82.4	85.6	86.8	87.7	88.3	88.4	88.9	89.1	89.1	89.4	89.4	89.4	89.6
GE 600	60.6	70.4	77.2	83.0	86.6	88.1	89.0	89.7	89.8	90.3	90.5	90.5	90.8	90.8	90.8	91.0
GE 500	60.8	70.9	77.8	83.8	87.9	89.8	90.9	91.7	92.0	92.4	92.8	92.9	93.3	93.3	93.4	93.6
GE 400	60.9	71.0	78.0	84.0	88.2	90.2	91.4	92.4	92.8	93.4	94.1	94.2	94.6	94.6	94.7	94.9
GE 300	60.9	71.0	78.0	84.0	88.3	90.3	92.1	93.5	94.0	94.6	95.4	95.5	96.1	96.1	96.3	96.6
GE 200	60.9	71.0	78.0	84.0	88.3	90.3	92.1	93.9	94.4	95.0	96.0	96.1	96.8	96.8	97.3	98.1
GE 100	60.9	71.0	78.0	84.0	88.3	90.7	92.4	94.2	94.8	95.4	96.3	96.5	97.2	97.3	98.3	99.9
GE 000	60.9	71.0	78.0	84.0	88.3	90.7	92.4	94.2	94.8	95.4	96.3	96.5	97.2	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	40.0	41.5	42.1	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	44.3	49.4	51.1	51.7	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 18000	44.4	49.6	51.3	51.9	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	44.4	49.6	51.3	51.9	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	44.4	50.0	51.7	52.2	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	45.4	51.3	53.2	53.8	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	51.2	58.0	59.9	60.6	61.2	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	51.3	58.2	60.0	60.8	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	56.4	63.8	66.0	66.7	67.4	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	57.4	65.1	67.3	68.0	68.7	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	58.5	66.2	68.3	69.0	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	58.9	66.9	69.0	69.7	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	59.9	68.0	70.2	71.2	71.9	72.1	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	61.8	70.2	72.8	74.0	74.7	74.9	75.2	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	63.1	72.2	74.8	76.0	76.8	77.1	77.3	77.4	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	64.2	73.6	76.4	77.7	78.8	79.1	79.3	79.4	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	64.3	73.9	76.7	78.0	79.3	79.6	79.9	80.0	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	65.0	74.7	77.7	79.2	80.5	80.9	81.6	81.7	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	65.2	74.9	77.9	79.4	80.7	81.1	81.8	81.9	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	65.8	75.8	79.2	80.9	82.3	82.7	83.5	83.6	83.8	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	66.3	76.5	80.1	81.9	83.6	84.2	84.9	85.0	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	66.4	77.1	81.1	83.1	84.9	85.5	86.3	86.4	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	66.4	77.3	81.6	83.6	85.3	85.9	86.9	87.0	87.2	88.1	88.5	88.5	88.7	88.7	88.7	88.7
GE 800	66.4	77.4	81.9	84.0	86.2	86.9	87.9	88.1	88.3	89.1	89.7	89.7	90.0	90.0	90.0	90.0
GE 700	66.7	77.7	82.3	84.5	86.8	87.6	88.9	89.0	89.2	90.1	90.8	90.8	91.1	91.1	91.3	91.3
GE 600	66.7	77.7	82.4	84.6	87.4	88.4	89.7	90.0	90.3	91.1	91.8	91.8	92.2	92.2	92.3	92.3
GE 500	66.7	77.9	83.0	85.5	88.7	90.0	91.6	92.0	92.8	93.6	94.7	94.7	95.0	95.0	95.2	95.2
GE 400	66.7	77.9	83.0	85.5	88.8	90.1	92.1	92.8	93.6	94.6	95.6	95.6	96.0	96.0	96.1	96.1
GE 300	66.7	77.9	83.0	85.5	88.8	90.1	92.4	93.6	94.7	95.9	97.2	97.2	97.5	97.6	97.9	98.0
GE 200	66.7	77.9	83.0	85.5	88.8	90.1	92.6	93.7	94.8	96.0	97.3	97.4	97.8	97.9	98.7	99.3
GE 100	66.7	77.9	83.0	85.5	88.8	90.1	92.6	93.7	94.8	96.0	97.3	97.4	98.0	98.1	98.9	99.9
GE 000	66.7	77.9	83.0	85.5	88.8	90.1	92.6	93.7	94.8	96.0	97.3	97.4	98.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	43.9	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	52.4	55.7	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	52.4	55.7	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	52.5	55.8	55.9	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	52.8	56.1	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	54.0	57.3	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	58.5	61.8	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 9000	58.7	62.1	62.4	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	62.8	66.5	67.1	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	64.3	68.1	68.7	68.8	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	65.0	68.8	69.5	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	66.1	70.0	70.7	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	68.0	72.7	73.4	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	69.7	74.7	75.5	76.0	76.4	76.7	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	72.5	77.8	78.6	79.3	79.9	80.3	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	73.8	79.7	80.6	81.6	82.5	82.9	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	74.8	80.9	81.8	82.7	83.7	84.0	84.5	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	75.8	82.4	83.3	84.3	85.2	85.6	86.1	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	75.8	82.5	83.5	84.4	85.3	85.7	86.2	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	76.6	83.7	84.6	85.7	86.9	87.2	87.7	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	77.0	84.2	85.1	86.2	87.6	87.9	88.4	88.4	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	77.5	85.0	86.3	87.7	89.1	89.7	90.3	90.3	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	77.9	85.3	86.8	88.2	90.0	90.5	91.1	91.1	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	78.1	85.6	87.1	88.7	90.4	91.3	91.8	92.0	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	78.7	86.3	88.2	89.7	91.6	92.4	93.0	93.1	93.4	93.7	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	78.7	86.3	88.3	90.1	92.4	93.3	93.9	94.0	94.2	94.7	95.2	95.2	95.3	95.4	95.5	95.5
GE 500	78.8	86.8	89.0	90.9	93.7	94.6	95.3	95.4	96.1	96.7	97.3	97.3	97.4	97.5	97.6	97.6
GE 400	78.8	86.8	89.0	91.0	93.9	94.7	95.4	95.5	96.2	97.2	98.0	98.0	98.1	98.2	98.3	98.3
GE 300	78.8	86.8	89.0	91.0	93.9	94.7	95.5	96.0	96.7	97.6	98.5	98.5	98.6	98.7	98.8	98.9
GE 200	78.8	86.8	89.0	91.0	93.9	94.7	95.6	96.1	96.8	97.8	98.7	98.7	98.8	98.9	99.4	99.5
GE 100	78.8	86.8	89.0	91.0	93.9	94.7	95.6	96.1	96.8	97.8	98.7	98.7	98.8	98.9	99.5	100.0
GE 000	78.8	86.8	89.0	91.0	93.9	94.7	95.6	96.1	96.8	97.8	98.7	98.7	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	51.7	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	51.8	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	51.8	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	52.1	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	53.8	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	58.3	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	59.0	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	63.6	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	64.9	68.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	65.7	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	67.3	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	69.9	73.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	71.4	75.4	76.6	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	74.0	78.1	79.3	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	76.0	80.4	81.8	82.4	82.5	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	78.0	82.6	84.0	84.6	85.1	85.3	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2000	79.0	83.7	85.6	86.2	86.6	86.9	87.1	87.4	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8
GE 1800	79.0	83.7	85.6	86.3	86.8	87.0	87.4	87.6	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1
GE 1500	79.9	84.8	87.0	87.8	88.3	88.5	88.9	89.1	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6
GE 1200	80.7	86.2	88.5	89.4	90.0	90.2	90.5	90.8	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3
GE 1000	80.9	86.6	89.0	90.0	90.9	91.1	91.5	91.7	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 900	80.9	86.8	89.2	90.7	91.7	92.0	92.3	92.7	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1
GE 800	81.1	87.0	89.5	90.9	92.2	92.4	92.8	93.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7
GE 700	81.3	87.2	89.7	91.1	92.9	93.1	93.6	94.1	94.1	94.6	94.6	94.7	94.8	94.8	94.8	94.8
GE 600	81.3	87.2	89.8	91.3	93.4	94.0	94.4	95.0	95.0	95.9	96.1	96.2	96.3	96.3	96.3	96.3
GE 500	81.6	87.5	90.1	91.5	93.9	94.4	94.9	95.6	96.0	97.3	97.8	97.9	98.1	98.1	98.1	98.1
GE 400	81.6	87.5	90.1	91.5	93.9	94.4	95.2	96.2	96.7	98.0	98.5	98.6	99.1	99.1	99.1	99.1
GE 300	81.6	87.5	90.1	91.5	93.9	94.4	95.2	96.2	96.7	98.0	98.5	98.6	99.1	99.2	99.2	99.4
GE 200	81.6	87.5	90.1	91.5	93.9	94.4	95.2	96.2	96.7	98.1	98.7	98.8	99.3	99.4	99.4	99.6
GE 100	81.6	87.5	90.1	91.5	93.9	94.4	95.2	96.2	96.7	98.1	98.7	98.8	99.3	99.4	99.4	99.9
GE 000	81.6	87.5	90.1	91.5	93.9	94.4	95.2	96.2	96.7	98.1	98.7	98.8	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	48.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5
GE 20000	53.7	55.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 18000	53.7	55.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	55.4	56.4	56.4	56.4	56.5	56.5
GE 16000	53.7	55.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GE 14000	53.9	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8
GE 12000	55.1	56.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
GE 10000	58.6	60.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.8	61.8
GE 9000	60.9	62.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	64.1	64.1
GE 8000	66.0	67.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.5	69.5
GE 7000	66.6	68.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.1	70.1
GE 6000	67.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	71.1	71.1
GE 5000	68.8	70.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.7	72.7
GE 4500	71.3	73.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.5	75.5
GE 4000	72.5	75.0	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.4	77.4
GE 3500	74.4	77.0	78.7	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.7	79.7
GE 3000	76.3	79.7	81.4	81.9	82.3	82.6	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.2	83.2
GE 2500	77.8	81.3	82.9	83.4	83.9	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.8	84.8
GE 2000	78.6	82.3	84.2	84.8	85.5	86.0	86.1	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6
GE 1800	78.9	82.7	84.6	85.2	85.9	86.4	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	87.1	87.1
GE 1500	79.5	83.5	85.5	86.3	87.2	87.7	88.2	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.7	88.7
GE 1200	79.5	83.9	86.3	87.1	88.4	88.9	89.3	89.3	89.5	89.5	89.6	89.6	89.8	89.8	90.0	90.0
GE 1000	80.0	84.5	87.1	87.9	89.2	89.8	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	91.1	91.1
GE 900	80.0	84.7	87.4	88.4	89.8	90.6	91.2	91.6	91.7	91.7	91.8	91.8	92.1	92.1	92.3	92.3
GE 800	80.0	84.7	87.4	88.4	90.2	91.0	91.6	92.1	92.2	92.2	92.3	92.3	92.5	92.5	92.8	92.8
GE 700	80.1	85.0	87.7	88.6	90.5	91.4	92.1	92.7	92.8	92.8	92.9	92.9	93.1	93.1	93.4	93.4
GE 600	80.1	85.0	87.8	88.7	90.9	92.1	93.1	94.1	94.2	94.2	94.4	94.4	94.7	94.7	94.9	94.9
GE 500	80.1	85.0	87.9	88.9	91.1	92.5	93.6	94.5	94.8	94.9	95.3	95.4	95.7	95.9	96.1	96.1
GE 400	80.1	85.0	87.9	88.9	91.1	92.7	94.3	95.4	95.7	95.9	96.2	96.6	97.2	97.5	97.7	97.7
GE 300	80.1	85.0	87.9	88.9	91.2	92.9	94.7	95.9	96.4	96.8	97.3	97.6	98.3	98.7	98.9	98.9
GE 200	80.1	85.0	87.9	88.9	91.2	92.9	94.7	96.0	96.8	97.3	97.7	98.1	98.8	99.4	99.6	99.6
GE 100	80.1	85.0	87.9	88.9	91.2	92.9	94.7	96.0	96.8	97.3	97.7	98.1	98.9	99.5	99.8	100.0
GE 000	80.1	85.0	87.9	88.9	91.2	92.9	94.7	96.0	96.8	97.3	97.7	98.1	98.9	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.6	49.5	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.5	50.5	50.7	50.7	50.9	51.4
GE 20000	54.1	54.9	55.8	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.8	56.8	56.9	56.9	57.2	57.7
GE 18000	54.1	54.9	56.0	56.7	56.7	56.8	56.8	56.8	56.8	56.9	57.1	57.1	57.2	57.2	57.4	57.9
GE 16000	54.1	54.9	56.0	56.7	56.7	56.8	56.8	56.8	56.8	56.9	57.1	57.1	57.2	57.2	57.4	57.9
GE 14000	54.2	55.0	56.1	56.8	56.8	56.9	56.9	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.5	58.0
GE 12000	54.6	55.4	56.5	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.5	57.5	57.7	57.7	57.9	58.4
GE 10000	58.4	59.2	60.3	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.6	61.6	61.8	62.3
GE 9000	59.3	60.1	61.2	62.0	62.0	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.8	63.2
GE 8000	63.8	65.0	66.1	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.4	67.4	67.5	67.5	67.7	68.3
GE 7000	64.3	65.5	66.5	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.9	67.9	68.0	68.0	68.2	68.8
GE 6000	65.8	67.0	68.1	68.9	68.9	69.0	69.0	69.0	69.0	69.2	69.4	69.4	69.5	69.5	69.8	70.3
GE 5000	68.6	70.1	71.3	72.1	72.1	72.2	72.2	72.2	72.2	72.4	72.6	72.6	72.7	72.7	73.0	73.5
GE 4500	69.5	71.2	72.4	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.7	73.7	73.8	73.8	74.0	74.6
GE 4000	71.4	73.7	75.0	75.8	75.9	76.0	76.2	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.9	77.5
GE 3500	72.7	75.0	76.3	77.1	77.3	77.5	77.6	77.6	77.6	77.7	78.1	78.1	78.2	78.2	78.4	79.0
GE 3000	74.4	76.7	78.2	79.0	79.2	79.4	79.5	79.5	79.5	79.6	80.1	80.1	80.2	80.2	80.5	81.1
GE 2500	75.7	78.1	79.5	80.7	81.0	81.1	81.4	81.4	81.4	81.5	82.0	82.0	82.1	82.1	82.4	83.0
GE 2000	76.2	78.6	80.4	81.9	82.2	82.3	82.6	82.6	82.6	82.7	83.2	83.2	83.3	83.3	83.6	84.2
GE 1800	76.2	78.6	80.5	82.0	82.3	82.4	82.7	82.7	82.7	82.8	83.3	83.3	83.4	83.4	83.7	84.3
GE 1500	77.0	79.6	81.5	83.2	83.9	84.1	84.6	84.6	84.6	84.7	85.2	85.2	85.3	85.3	85.6	86.2
GE 1200	77.6	80.7	82.6	84.2	85.2	85.5	86.4	86.4	86.4	86.5	87.1	87.1	87.2	87.2	87.5	88.1
GE 1000	77.6	80.8	82.9	84.6	85.8	86.6	87.4	87.5	87.5	87.7	88.4	88.4	88.5	88.5	88.8	89.4
GE 900	77.6	80.8	83.0	84.9	86.1	87.1	87.9	88.1	88.1	88.3	89.0	89.0	89.1	89.1	89.4	90.0
GE 800	77.6	81.0	83.4	85.3	86.6	87.7	88.5	88.8	88.8	89.0	89.7	89.7	89.8	89.8	90.2	90.7
GE 700	77.6	81.3	83.7	85.6	87.0	88.3	89.6	89.9	89.9	90.0	90.7	90.7	90.9	90.9	91.2	91.8
GE 600	77.6	81.3	83.7	85.6	87.0	88.6	89.9	90.3	90.3	90.4	91.1	91.1	91.2	91.3	91.7	92.3
GE 500	77.7	81.4	84.0	85.9	87.8	90.0	91.5	91.8	92.1	92.3	93.1	93.1	93.4	93.5	93.8	94.4
GE 400	77.7	81.4	84.0	86.4	88.4	91.3	93.0	93.5	94.0	94.3	95.1	95.1	95.5	95.6	96.1	96.7
GE 300	77.7	81.4	84.0	86.4	88.7	91.7	94.1	95.0	95.8	96.3	97.2	97.2	97.6	97.7	98.2	98.8
GE 200	77.7	81.4	84.0	86.4	88.7	91.7	94.1	95.0	96.1	96.6	97.6	97.6	98.1	98.2	99.1	99.8
GE 100	77.7	81.4	84.0	86.4	88.7	91.7	94.1	95.0	96.1	96.6	97.6	97.6	98.1	98.2	99.2	100.0
GE 000	77.7	81.4	84.0	86.4	88.7	91.7	94.1	95.0	96.1	96.6	97.6	97.6	98.1	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	44.7	46.0	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.2
GE 20000	49.5	52.5	53.9	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.1
GE 18000	49.5	52.6	54.1	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.3
GE 16000	49.5	52.6	54.1	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.3
GE 14000	49.7	52.8	54.3	55.0	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.6
GE 12000	50.5	53.7	55.3	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.6
GE 10000	55.2	58.7	60.4	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.8
GE 9000	55.9	59.4	61.1	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.6
GE 8000	60.2	64.2	66.1	66.8	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.7
GE 7000	61.0	65.0	66.9	67.8	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.6
GE 6000	61.7	65.9	67.8	68.6	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.6
GE 5000	63.1	67.4	69.3	70.1	70.5	70.6	70.7	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.1
GE 4500	64.6	69.1	71.1	72.0	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	73.0
GE 4000	66.1	70.5	73.0	74.0	74.4	74.6	74.7	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2
GE 3500	68.0	73.1	75.2	76.3	76.8	77.0	77.2	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.7	77.8
GE 3000	69.7	75.2	77.4	78.7	79.4	79.6	79.8	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.4	80.5
GE 2500	71.0	76.5	78.8	80.1	80.8	81.1	81.4	81.5	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.1
GE 2000	71.9	77.6	80.1	81.5	82.3	82.7	83.0	83.1	83.2	83.4	83.5	83.5	83.6	83.6	83.7	83.8
GE 1800	72.1	77.9	80.4	81.8	82.6	83.0	83.4	83.5	83.6	83.7	83.9	83.9	84.0	84.0	84.1	84.2
GE 1500	72.8	78.9	81.7	83.4	84.3	84.7	85.2	85.4	85.4	85.6	85.8	85.8	85.9	85.9	86.0	86.1
GE 1200	73.2	79.6	82.5	84.3	85.5	85.9	86.5	86.6	86.7	86.9	87.1	87.1	87.2	87.2	87.3	87.4
GE 1000	73.5	80.1	83.2	85.1	86.4	87.0	87.5	87.8	87.8	88.0	88.2	88.2	88.3	88.3	88.4	88.5
GE 900	73.6	80.3	83.5	85.6	87.0	87.8	88.4	88.6	88.7	89.0	89.2	89.2	89.4	89.4	89.4	89.5
GE 800	73.7	80.4	83.8	85.8	87.5	88.3	88.9	89.3	89.4	89.6	89.9	89.9	90.1	90.1	90.1	90.2
GE 700	73.8	80.7	84.2	86.4	88.3	89.2	90.0	90.5	90.6	90.8	91.2	91.2	91.3	91.3	91.4	91.5
GE 600	73.8	80.8	84.4	86.6	88.9	90.0	90.9	91.4	91.5	91.9	92.3	92.3	92.5	92.6	92.7	92.8
GE 500	73.9	81.0	84.8	87.3	90.1	91.5	92.5	93.1	93.5	94.0	94.5	94.5	94.8	94.8	95.0	95.1
GE 400	73.9	81.0	84.8	87.5	90.3	91.9	93.2	93.9	94.4	95.0	95.6	95.7	96.1	96.1	96.3	96.4
GE 300	73.9	81.0	84.8	87.5	90.4	92.1	93.7	94.8	95.5	96.1	96.8	96.9	97.4	97.5	97.8	97.9
GE 200	73.9	81.0	84.8	87.5	90.4	92.1	93.8	94.9	95.7	96.5	97.3	97.4	97.9	98.1	98.6	99.0
GE 100	73.9	81.0	84.8	87.5	90.4	92.1	93.8	94.9	95.8	96.5	97.3	97.4	98.0	98.2	98.9	99.8
GE 000	73.9	81.0	84.8	87.5	90.4	92.1	93.8	94.9	95.8	96.5	97.3	97.4	98.0	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	54.4	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.6
GE 20000	59.0	60.0	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
GE 18000	59.0	60.0	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
GE 16000	59.0	60.0	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3
GE 14000	59.2	60.2	60.5	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.5
GE 12000	60.2	61.2	61.5	61.8	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5
GE 10000	63.8	64.7	65.1	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.0
GE 9000	64.1	65.1	65.4	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
GE 8000	68.2	69.1	69.6	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5
GE 7000	68.5	69.5	69.9	70.3	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
GE 6000	69.2	70.2	70.6	71.1	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
GE 5000	70.9	71.8	72.3	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4
GE 4500	73.4	74.4	74.8	75.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0
GE 4000	75.6	77.0	77.8	78.4	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.5
GE 3500	77.0	78.7	79.7	80.2	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.4
GE 3000	78.6	80.3	81.5	82.0	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.3
GE 2500	79.4	81.1	82.4	83.0	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.3
GE 2000	80.5	82.5	83.9	84.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3
GE 1800	80.9	82.8	84.3	85.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.9
GE 1500	81.1	83.1	84.7	85.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.4
GE 1200	81.6	83.8	85.5	86.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.5
GE 1000	81.6	84.1	85.8	87.2	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.7
GE 900	81.6	84.2	86.2	88.0	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.1
GE 800	81.8	84.5	86.6	88.8	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.4
GE 700	81.8	84.5	86.7	88.9	91.8	92.5	92.7	92.8	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.2
GE 600	81.8	84.5	86.7	89.1	92.0	92.8	93.2	93.5	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.1
GE 500	81.8	84.5	86.7	89.1	92.3	93.1	94.2	94.6	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.2
GE 400	81.8	84.5	86.7	89.5	93.0	93.9	95.7	96.3	96.8	96.8	97.1	97.1	97.3	97.3	97.3	97.4
GE 300	81.8	84.5	86.7	89.5	93.4	94.3	96.1	96.9	97.6	97.6	98.0	98.0	98.5	98.5	98.5	98.6
GE 200	81.8	84.5	86.7	89.5	93.5	94.7	96.6	97.5	98.3	98.4	98.7	98.7	99.4	99.5	99.7	99.8
GE 100	81.8	84.5	86.7	89.5	93.5	94.7	96.6	97.5	98.3	98.4	98.7	98.7	99.5	99.6	99.9	100.0
GE 000	81.8	84.5	86.7	89.5	93.5	94.7	96.6	97.5	98.3	98.4	98.7	98.7	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	51.3	51.9	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	53.3	55.7	56.3	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	53.3	55.7	56.3	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	53.3	55.7	56.3	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	53.4	55.8	56.5	57.1	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 12000	54.0	56.5	57.1	57.7	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	59.0	61.5	62.5	63.1	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	59.7	62.2	63.1	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	64.0	66.5	67.4	68.1	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	64.8	67.3	68.3	69.0	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.7	69.7	69.7
GE 6000	65.5	68.0	68.9	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3
GE 5000	66.7	69.1	70.2	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
GE 4500	69.4	71.8	73.0	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4	74.4	74.4
GE 4000	71.5	74.3	75.8	76.8	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.7	77.7	77.7
GE 3500	73.2	76.2	78.2	79.1	79.6	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3	80.3	80.3
GE 3000	75.5	78.9	80.9	81.8	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.1	83.1
GE 2500	77.0	80.9	83.0	84.1	84.6	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.4
GE 2000	77.2	81.2	83.5	84.7	85.4	85.6	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1
GE 1800	77.5	81.5	83.9	85.1	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.6	86.6	86.6
GE 1500	78.1	82.0	84.5	85.9	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.7
GE 1200	78.6	82.6	85.1	86.7	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.6	88.6	88.6
GE 1000	78.9	83.0	85.5	87.2	88.8	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6	89.6	89.6
GE 900	79.2	83.3	86.1	88.9	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5
GE 800	79.2	83.3	86.1	88.9	91.3	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.7	92.7	92.7
GE 700	79.2	83.3	86.2	89.0	91.6	91.9	93.0	93.0	93.1	93.1	93.1	93.1	93.3	93.4	93.4	93.4
GE 600	79.2	83.3	86.2	89.9	92.9	93.3	94.7	94.7	94.8	94.8	94.8	94.8	95.1	95.2	95.2	95.2
GE 500	79.2	83.4	86.5	90.4	93.5	94.1	96.1	96.5	96.6	96.6	96.6	96.6	96.8	96.9	96.9	96.9
GE 400	79.2	83.4	86.6	90.5	94.0	94.5	96.8	97.3	97.4	97.6	97.6	97.6	97.8	98.0	98.0	98.0
GE 300	79.2	83.5	86.7	90.6	94.3	95.4	97.6	98.3	98.4	98.6	98.6	98.6	98.8	98.9	99.0	99.0
GE 200	79.2	83.5	86.7	90.6	94.3	95.5	97.7	98.4	98.5	98.9	99.0	99.0	99.2	99.6	99.8	100.0
GE 100	79.2	83.5	86.7	90.6	94.3	95.5	97.7	98.4	98.5	98.9	99.0	99.0	99.2	99.6	99.8	100.0
GE 000	79.2	83.5	86.7	90.6	94.3	95.5	97.7	98.4	98.5	98.9	99.0	99.0	99.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	44.4	46.2	48.0	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	45.3	49.1	51.0	52.8	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	45.3	49.1	51.0	52.8	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	45.3	49.1	51.0	52.8	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	45.3	49.1	51.0	52.8	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	46.1	50.0	51.8	53.7	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	50.3	54.5	56.6	58.4	58.6	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	51.0	55.2	57.2	59.0	59.2	59.4	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	56.3	60.8	62.9	64.8	65.3	65.4	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	57.2	62.4	64.5	66.7	67.1	67.2	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	57.7	62.9	65.1	67.2	67.6	67.7	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	59.5	64.8	67.1	69.4	69.8	69.9	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	61.7	67.3	69.7	71.9	72.4	72.5	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	63.3	69.0	71.6	74.3	74.9	75.2	75.4	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3500	65.9	71.6	74.5	77.4	78.1	78.3	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	68.1	74.1	77.1	80.1	80.8	81.0	81.2	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	68.7	74.8	78.0	81.2	81.8	82.3	82.5	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	69.2	75.7	78.8	82.5	83.3	83.9	84.1	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	69.5	76.0	79.1	82.9	83.9	84.4	84.6	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	70.1	76.8	79.9	84.0	85.3	85.8	86.0	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	70.4	77.4	80.6	84.8	86.1	86.7	87.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	70.6	77.8	81.2	85.6	87.2	87.7	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	70.8	78.0	81.4	85.9	87.8	88.4	89.1	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	70.8	78.0	81.4	86.1	88.7	89.4	90.1	90.2	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	70.8	78.0	81.4	86.5	89.6	90.3	91.2	91.4	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	70.9	78.1	81.6	87.0	90.4	91.3	92.3	92.6	93.3	93.5	93.8	93.8	94.1	94.1	94.1	94.1
GE 500	70.9	78.1	81.7	87.2	91.2	92.3	93.5	93.9	94.6	94.8	95.1	95.1	95.4	95.4	95.4	95.4
GE 400	70.9	78.1	81.7	87.2	91.6	92.8	94.7	95.1	95.8	96.1	96.3	96.3	96.8	97.0	97.1	97.1
GE 300	70.9	78.1	81.8	87.6	92.0	93.2	95.2	95.6	96.3	96.9	97.1	97.1	97.6	97.8	98.0	98.0
GE 200	70.9	78.1	81.8	87.6	92.0	93.2	95.2	95.7	96.5	97.1	97.3	97.3	98.4	98.6	98.9	99.1
GE 100	70.9	78.1	81.8	87.6	92.0	93.2	95.3	95.8	96.6	97.3	97.5	97.5	98.6	98.8	99.1	99.6
GE 000	70.9	78.1	81.8	87.6	92.0	93.2	95.3	95.8	96.6	97.3	97.5	97.5	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	46.6	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	52.6	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	52.6	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	52.6	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	52.8	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	53.7	55.8	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	56.9	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	57.5	60.1	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	62.2	65.3	65.9	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	62.7	66.0	66.7	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	63.4	66.8	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	65.4	69.1	69.9	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4500	67.0	70.9	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	70.0	74.6	75.0	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	72.0	77.1	78.7	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	74.0	79.8	81.4	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	75.1	81.5	83.2	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	75.7	82.3	84.0	85.2	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	75.9	82.5	84.2	85.4	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	76.1	83.1	85.1	86.2	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	76.8	83.8	86.1	87.3	87.6	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	76.9	84.2	86.7	88.0	88.9	89.5	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	77.0	84.3	86.8	88.2	89.4	90.2	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	77.4	85.1	87.6	89.1	91.0	91.9	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	77.4	85.1	87.8	89.4	91.8	92.9	93.8	94.1	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.5
GE 600	77.7	85.4	88.2	89.9	92.7	93.9	94.8	95.2	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 500	77.7	85.5	88.5	90.4	93.4	94.7	95.9	96.5	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 400	77.7	85.5	88.5	90.4	93.4	94.7	96.2	97.1	97.4	97.6	97.8	97.8	98.2	98.2	98.2	98.2
GE 300	77.7	85.5	88.6	90.5	93.5	94.8	96.3	97.3	97.6	97.8	98.4	98.4	98.7	98.7	98.7	98.8
GE 200	77.7	85.5	88.6	90.5	93.5	94.9	96.5	97.4	97.7	98.1	98.6	98.6	99.4	99.5	99.8	100.0
GE 100	77.7	85.5	88.6	90.5	93.5	94.9	96.5	97.4	97.7	98.1	98.6	98.6	99.4	99.5	99.8	100.0
GE 000	77.7	85.5	88.6	90.5	93.5	94.9	96.5	97.4	97.7	98.1	98.6	98.6	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	45.8	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	53.7	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	53.9	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	53.9	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	55.1	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	56.1	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	60.1	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	60.6	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	64.1	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	64.8	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 6000	65.3	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	67.4	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	70.6	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4000	74.6	76.8	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	78.5	80.6	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	80.0	82.8	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	80.8	84.4	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	81.5	85.7	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	81.9	86.2	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	82.0	86.6	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	82.5	87.0	88.7	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	83.1	88.0	89.7	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	83.2	88.5	90.2	91.5	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	83.2	88.9	90.8	92.3	93.9	94.2	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	83.2	88.9	90.9	92.7	94.9	95.5	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	83.2	88.9	90.9	92.7	95.2	95.7	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	83.2	88.9	90.9	92.8	95.7	96.5	97.3	97.6	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4
GE 400	83.2	89.1	91.1	93.0	95.9	96.7	97.5	98.0	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8
GE 300	83.2	89.1	91.1	93.0	95.9	96.7	98.0	98.6	98.6	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 200	83.2	89.1	91.1	93.0	95.9	96.7	98.0	98.6	98.8	99.2	99.5	99.6	99.7	99.8	99.8	99.8
GE 100	83.2	89.1	91.1	93.0	95.9	96.7	98.0	98.6	98.8	99.2	99.5	99.6	99.7	99.8	99.9	100.0
GE 000	83.2	89.1	91.1	93.0	95.9	96.7	98.0	98.6	98.8	99.2	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	55.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	56.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	56.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	56.9	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	57.3	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	60.1	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	61.1	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	65.4	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	67.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	67.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	70.6	71.7	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	73.1	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	76.2	77.6	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	78.8	80.3	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	81.1	82.9	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	81.9	84.2	85.2	85.6	85.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	82.6	84.9	86.1	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	83.1	85.5	86.7	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	83.9	86.2	87.4	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	84.0	86.8	88.2	89.1	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	84.1	87.3	88.7	90.0	91.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	84.1	87.8	89.4	90.8	92.7	93.0	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
GE 800	84.1	88.1	89.6	91.1	93.4	94.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 700	84.1	88.4	90.3	92.2	94.8	95.5	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 600	84.1	88.5	90.4	92.3	95.1	95.9	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
GE 500	84.1	88.5	90.4	92.4	95.3	96.2	97.5	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 400	84.1	88.7	90.6	92.7	95.7	96.7	98.0	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 300	84.1	88.7	90.6	92.7	95.7	96.8	98.4	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	84.1	88.7	90.6	92.7	95.7	96.8	98.4	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	84.1	88.7	90.6	92.7	95.7	96.8	98.4	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	84.1	88.7	90.6	92.7	95.7	96.8	98.4	99.0	99.6	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	58.5	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	58.7	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	58.7	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	58.9	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	60.1	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	62.9	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	63.8	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	68.5	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	69.9	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	70.9	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	73.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	75.2	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	77.5	78.6	79.0	79.1	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	78.9	80.0	80.5	80.6	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	80.4	81.6	82.3	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	81.2	82.7	83.4	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	82.3	83.8	84.9	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	82.8	84.5	85.9	86.8	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	83.7	85.5	87.4	88.7	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	83.7	85.5	87.5	88.9	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	83.8	85.7	87.7	89.2	90.5	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	83.9	86.2	88.4	90.1	91.8	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	83.9	86.5	88.6	90.3	92.4	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	83.9	86.6	88.7	90.4	92.6	93.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	83.9	86.6	88.7	90.4	92.9	93.9	95.3	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	84.0	86.7	88.8	90.5	93.0	94.5	96.1	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	84.0	86.7	88.8	90.6	93.9	95.5	97.2	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	84.0	86.7	88.8	90.6	94.0	95.6	97.4	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9
GE 200	84.0	86.7	88.8	90.6	94.0	95.6	97.5	98.6	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	84.0	86.7	88.8	90.6	94.0	95.6	97.5	98.6	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	84.0	86.7	88.8	90.6	94.0	95.6	97.5	98.6	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	72.0	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	73.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	76.2	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	77.7	79.0	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	79.4	80.8	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	80.9	82.4	82.9	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	81.8	83.5	84.4	84.4	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	83.0	84.7	85.6	85.7	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	83.1	84.8	85.9	86.0	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	83.5	85.5	87.1	87.3	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	83.9	85.9	87.6	88.0	88.8	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	84.3	86.5	88.5	88.9	90.3	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	84.3	86.5	88.6	89.1	91.1	91.5	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	84.8	87.0	89.1	89.8	92.0	92.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	84.8	87.2	89.5	90.2	92.9	93.8	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	84.8	87.2	89.6	90.4	93.3	94.5	95.7	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	84.9	87.4	89.8	90.8	93.7	95.2	96.6	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	84.9	87.4	89.8	90.8	94.2	95.8	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	84.9	87.4	89.8	90.8	94.3	95.9	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 200	84.9	87.4	89.8	90.8	94.3	95.9	98.3	98.7	99.0	99.2	99.6	99.6	99.7	99.8	99.9	99.9
GE 100	84.9	87.4	89.8	90.8	94.3	95.9	98.4	98.8	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	84.9	87.4	89.8	90.8	94.3	95.9	98.4	98.8	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.9	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	54.9	56.3	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	55.0	56.4	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 16000	55.0	56.4	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 14000	55.3	56.7	57.2	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	56.2	57.7	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	59.8	61.4	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
GE 9000	60.4	62.0	62.5	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	64.9	66.8	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	65.8	67.7	68.3	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2
GE 6000	66.4	68.4	69.0	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	68.4	70.6	71.2	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	70.8	73.1	73.8	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	73.3	75.9	76.9	77.5	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 3500	75.5	78.2	79.3	80.0	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
GE 3000	77.3	80.3	81.6	82.4	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 2500	78.2	81.6	83.1	84.0	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 2000	79.0	82.6	84.2	85.3	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 1800	79.3	83.0	84.7	85.8	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 1500	79.8	83.6	85.5	86.9	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1200	80.2	84.1	86.2	87.7	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 1000	80.4	84.6	86.7	88.4	89.7	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 900	80.5	84.9	87.1	89.1	90.8	91.2	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
GE 800	80.7	85.2	87.5	89.6	91.7	92.3	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	80.7	85.2	87.7	89.9	92.5	93.2	94.1	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7
GE 600	80.7	85.3	87.8	90.2	93.1	93.9	95.0	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8
GE 500	80.7	85.4	87.9	90.5	93.5	94.6	95.9	96.4	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	80.7	85.4	88.0	90.6	94.0	95.1	96.7	97.3	97.7	97.9	98.0	98.1	98.2	98.2	98.3	98.3
GE 300	80.7	85.4	88.0	90.7	94.2	95.3	97.1	97.8	98.3	98.5	98.7	98.7	99.0	99.0	99.1	99.1
GE 200	80.7	85.4	88.0	90.7	94.2	95.4	97.3	98.0	98.5	98.8	99.0	99.0	99.4	99.6	99.7	99.8
GE 100	80.7	85.4	88.0	90.7	94.2	95.4	97.3	98.0	98.5	98.8	99.0	99.1	99.5	99.6	99.8	99.9
GE 000	80.7	85.4	88.0	90.7	94.2	95.4	97.3	98.0	98.5	98.8	99.0	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	53.6	53.9	54.7	55.0	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	56.9	59.1	59.4	60.2	60.6	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	57.3	59.6	59.9	60.7	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	57.3	59.6	59.9	60.7	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	57.3	59.6	59.9	60.7	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	57.9	60.1	60.4	61.2	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	60.7	62.9	63.3	64.1	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	61.6	63.8	64.3	65.1	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	67.8	70.1	70.7	71.4	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	69.6	71.9	72.7	73.4	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	70.1	72.6	73.4	74.2	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	70.9	73.4	74.4	75.3	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	72.2	74.8	75.8	76.8	77.2	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	74.4	77.2	78.2	79.2	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	76.9	79.8	81.2	82.2	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	78.3	81.3	82.8	83.9	84.3	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	78.9	82.0	83.8	85.1	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	79.0	82.1	84.1	85.4	85.9	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	79.3	82.7	84.7	86.0	86.4	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	80.1	83.6	85.8	87.4	87.9	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	80.6	84.4	86.8	88.7	89.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	81.0	85.3	88.3	90.7	91.7	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	81.0	85.4	88.4	90.8	91.9	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	81.0	85.7	88.8	91.4	92.7	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	81.3	86.4	90.1	92.9	94.2	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	81.3	86.7	90.3	93.2	94.7	95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	81.3	86.7	90.7	93.7	95.4	96.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	81.3	86.7	90.8	93.8	95.7	96.9	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	81.4	86.9	91.0	94.0	95.9	97.1	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	81.4	86.9	91.0	94.0	95.9	97.1	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	81.4	86.9	91.0	94.0	95.9	97.1	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.7
GE 000	81.4	86.9	91.0	94.0	95.9	97.1	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	47.8	49.9	51.1	51.8	51.9	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.7
GE 20000	49.7	53.0	55.2	56.4	57.1	57.2	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 18000	49.7	53.0	55.2	56.4	57.1	57.2	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 16000	49.7	53.0	55.2	56.4	57.1	57.2	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 14000	49.8	53.1	55.3	56.6	57.2	57.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.1
GE 12000	50.7	54.0	56.2	57.4	58.1	58.2	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.0
GE 10000	55.1	59.1	61.3	62.6	63.2	63.3	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.1
GE 9000	55.3	59.3	61.6	62.8	63.6	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4
GE 8000	59.2	63.6	66.0	67.2	68.0	68.1	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	69.0
GE 7000	61.6	66.1	68.6	70.0	70.8	70.9	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.8
GE 6000	62.8	67.3	69.8	71.3	72.1	72.2	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
GE 5000	63.1	67.8	70.2	71.9	72.9	73.0	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.9
GE 4500	64.2	69.0	71.4	73.1	74.1	74.2	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.2
GE 4000	66.2	71.2	73.7	75.3	76.3	76.4	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.6
GE 3500	68.9	74.0	76.4	78.6	79.7	79.8	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.9
GE 3000	70.6	75.8	78.6	80.7	81.9	82.0	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
GE 2500	71.0	76.8	79.6	81.8	83.0	83.1	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2
GE 2000	71.6	77.6	80.6	82.8	84.1	84.2	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.4
GE 1800	71.8	77.9	80.9	83.1	84.4	84.6	85.1	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.8
GE 1500	73.0	79.3	82.7	85.0	86.3	86.6	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.8
GE 1200	73.8	80.3	83.9	86.2	87.7	87.9	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.1
GE 1000	74.2	81.2	84.9	87.7	89.7	90.0	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.2
GE 900	74.2	81.3	85.1	88.0	90.0	90.3	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.6
GE 800	74.2	81.8	85.9	88.9	91.0	91.3	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.6
GE 700	74.2	82.0	86.6	89.6	92.0	92.6	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9
GE 600	74.2	82.2	86.8	89.8	92.4	93.0	94.3	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.2
GE 500	74.6	82.6	87.1	90.4	93.8	94.3	95.7	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.7
GE 400	74.6	82.6	87.3	90.7	94.3	94.9	96.6	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.8
GE 300	74.6	82.6	87.4	90.8	94.6	95.1	96.9	97.7	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.8
GE 200	74.6	82.6	87.4	90.8	94.6	95.1	97.0	97.8	98.1	98.6	98.8	98.8	98.9	98.9	98.9	99.1
GE 100	74.6	82.6	87.4	90.8	94.6	95.1	97.0	97.8	98.1	98.8	99.1	99.1	99.2	99.2	99.3	99.6
GE 000	74.6	82.6	87.4	90.8	94.6	95.1	97.0	97.8	98.1	98.8	99.1	99.1	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.2	44.0	46.0	47.2	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.7	48.7
GE 20000	44.8	50.2	52.6	53.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 18000	44.9	50.3	52.7	53.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 16000	44.9	50.3	52.7	53.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 14000	45.0	50.6	52.9	54.1	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.6
GE 12000	45.7	51.2	53.6	54.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2
GE 10000	48.9	55.1	57.4	58.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3
GE 9000	49.2	55.4	57.8	59.2	60.3	60.3	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7
GE 8000	53.1	59.9	62.4	64.0	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6
GE 7000	54.9	61.8	64.3	65.9	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4
GE 6000	55.9	62.9	65.4	67.0	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6
GE 5000	56.8	63.8	66.3	67.9	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
GE 4500	59.1	66.6	69.2	70.8	71.9	71.9	72.1	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.8
GE 4000	62.1	70.0	72.9	74.4	75.6	75.6	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.6
GE 3500	64.0	72.0	74.9	76.7	77.9	78.0	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.0
GE 3000	65.2	73.3	76.4	78.3	79.7	79.8	80.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.9
GE 2500	66.1	74.4	77.8	79.7	81.0	81.1	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.4
GE 2000	66.4	74.9	78.2	80.1	81.6	81.7	82.4	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.1
GE 1800	66.6	75.1	78.4	80.4	81.9	82.0	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.4
GE 1500	68.2	76.8	80.2	82.4	84.0	84.1	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.7
GE 1200	68.6	77.2	80.8	83.0	84.8	84.9	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.6
GE 1000	69.0	77.9	81.7	84.4	86.6	86.8	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.4
GE 900	69.1	78.2	82.0	84.8	87.1	87.4	88.4	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2
GE 800	69.6	78.8	82.8	85.8	88.2	88.8	89.8	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.9
GE 700	69.6	79.0	83.4	86.7	89.7	90.3	91.3	92.2	92.6	92.7	92.8	92.8	92.8	92.9	93.0	93.1
GE 600	69.6	79.1	83.6	86.9	90.4	91.2	92.4	93.3	93.7	94.0	94.1	94.1	94.2	94.2	94.3	94.4
GE 500	69.6	79.1	83.6	86.9	91.0	91.9	93.9	94.9	95.2	95.8	95.9	95.9	96.0	96.0	96.1	96.2
GE 400	69.6	79.1	83.6	87.1	91.6	92.4	94.8	95.8	96.4	97.0	97.3	97.6	97.8	97.8	97.9	98.1
GE 300	69.6	79.1	83.6	87.1	91.6	92.6	95.2	96.4	97.3	97.9	98.2	98.4	98.7	98.7	98.8	99.1
GE 200	69.6	79.1	83.6	87.1	91.6	92.6	95.3	96.6	97.4	98.1	98.4	98.7	98.9	98.9	99.0	99.3
GE 100	69.6	79.1	83.6	87.1	91.6	92.6	95.3	96.6	97.4	98.1	98.4	98.7	98.9	98.9	99.2	99.9
GE 000	69.6	79.1	83.6	87.1	91.6	92.6	95.3	96.6	97.4	98.1	98.4	98.7	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	47.8	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	52.7	55.8	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	52.7	55.8	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	52.7	55.8	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	52.8	55.9	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	53.2	56.4	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	57.1	60.7	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	57.3	60.9	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	62.1	65.8	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	63.6	67.2	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	64.1	67.8	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	65.3	69.0	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	66.6	70.2	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	70.1	73.8	75.2	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	72.7	76.4	78.2	78.9	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	74.8	78.8	80.9	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	75.6	79.7	81.8	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	76.9	81.0	83.1	84.1	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	77.1	81.2	83.4	84.4	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	78.6	83.2	85.6	86.6	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	79.1	84.2	86.7	87.7	88.3	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	80.0	85.2	88.2	89.6	90.3	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	80.4	85.9	89.0	90.6	91.3	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	80.8	86.4	89.7	91.3	92.2	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	80.9	87.1	90.3	92.0	93.1	93.6	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	80.9	87.3	90.8	92.7	94.1	94.8	95.3	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	80.9	87.3	90.8	92.8	94.3	95.1	96.2	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	80.9	87.3	90.8	92.8	94.3	95.1	96.6	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	80.9	87.3	90.8	92.8	94.4	95.2	96.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	80.9	87.3	90.8	92.8	94.4	95.2	96.7	98.9	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	80.9	87.3	90.8	92.8	94.4	95.2	96.7	98.9	99.3	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	80.9	87.3	90.8	92.8	94.4	95.2	96.7	98.9	99.3	99.6	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	50.8	53.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 18000	51.1	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	51.1	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	51.8	54.2	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	52.1	54.6	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	55.9	58.4	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	56.4	59.0	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	59.9	62.6	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 7000	60.9	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	61.2	63.9	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	62.4	65.1	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4500	64.8	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	71.2	73.9	74.8	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	75.0	77.8	78.9	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	79.6	82.8	83.9	84.3	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	81.1	84.4	85.7	86.1	86.4	86.4	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	82.3	86.1	87.6	88.0	88.4	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	82.7	86.7	88.1	88.6	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	83.2	88.0	89.6	90.3	90.9	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	84.1	89.1	91.0	92.1	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	84.1	89.2	91.3	92.4	93.2	93.3	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	84.6	89.8	91.9	93.1	94.0	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	84.7	90.1	92.2	93.9	95.1	95.4	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	84.7	90.2	92.6	94.4	95.8	96.1	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	84.8	90.4	92.9	94.9	96.3	96.7	97.4	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	84.8	90.4	93.0	95.0	96.7	97.0	97.8	98.4	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	84.8	90.4	93.0	95.0	96.7	97.2	98.0	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	84.8	90.4	93.0	95.0	96.7	97.2	98.2	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	84.8	90.4	93.0	95.0	96.7	97.2	98.2	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	84.8	90.4	93.0	95.0	96.7	97.2	98.2	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	84.8	90.4	93.0	95.0	96.7	97.2	98.2	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	50.9	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	51.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	51.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 14000	51.4	54.2	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	52.7	55.6	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	57.9	60.8	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	58.6	61.4	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	63.0	66.0	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	64.0	67.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	64.8	68.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	66.6	69.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	68.9	72.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	74.2	77.8	79.1	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3500	78.2	82.1	83.7	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	80.6	85.0	86.7	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	81.8	86.6	88.2	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	82.6	87.4	89.2	89.6	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	83.0	88.0	89.8	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	83.3	88.4	90.2	90.6	90.9	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	84.3	89.6	91.6	92.0	92.4	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	84.8	90.1	92.3	93.0	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	84.9	90.3	92.7	93.6	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	85.0	90.4	93.1	94.2	95.3	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	85.0	90.4	93.2	94.3	95.8	96.2	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	85.0	90.4	93.2	94.4	96.1	96.7	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	85.0	90.4	93.3	94.9	96.7	97.3	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	85.0	90.4	93.3	94.9	96.7	97.6	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	85.0	90.4	93.3	94.9	96.7	97.7	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	85.0	90.4	93.3	94.9	96.7	97.7	98.9	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 100	85.0	90.4	93.3	94.9	96.7	97.7	98.9	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	85.0	90.4	93.3	94.9	96.7	97.7	98.9	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	48.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	55.3	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 18000	55.4	57.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	55.4	57.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	55.6	57.7	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	56.2	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	61.0	63.8	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	62.1	64.9	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	67.0	70.0	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	68.3	71.3	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	69.0	72.0	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	70.7	74.0	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	73.0	76.3	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	76.3	80.0	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	79.4	83.3	85.1	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	80.8	85.0	87.1	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	81.6	85.9	88.1	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	82.1	86.6	88.8	89.8	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	82.4	86.9	89.1	90.1	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	82.9	87.6	89.9	91.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	83.4	88.3	90.7	92.2	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	83.7	89.0	91.6	93.1	94.4	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	83.8	89.2	91.8	93.4	95.0	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	83.8	89.4	92.1	93.8	95.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	83.8	89.6	92.3	94.1	95.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	83.8	89.6	92.3	94.1	95.9	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 500	83.8	89.6	92.3	94.1	96.0	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 400	83.8	89.6	92.3	94.3	96.2	97.7	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	83.8	89.6	92.3	94.3	96.3	97.8	98.6	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 200	83.8	89.6	92.3	94.3	96.3	97.8	98.6	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	83.8	89.6	92.3	94.3	96.3	97.8	98.6	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9
GE 000	83.8	89.6	92.3	94.3	96.3	97.8	98.6	99.2	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: APR HOURS: 21-23

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3
GE 20000	57.6	59.0	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.2
GE 18000	57.9	59.3	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.6	60.6
GE 16000	57.9	59.3	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.6	60.6
GE 14000	57.9	59.3	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.7	60.7	60.7	60.7
GE 12000	58.2	59.7	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0
GE 10000	64.0	65.7	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0
GE 9000	65.3	67.0	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3
GE 8000	70.2	72.0	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.7
GE 7000	71.1	72.8	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4
GE 6000	71.7	73.3	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1
GE 5000	72.6	74.3	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2
GE 4500	74.0	75.9	76.9	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
GE 4000	76.8	78.9	80.6	81.2	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3
GE 3500	78.7	81.4	83.2	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2
GE 3000	79.8	82.8	84.8	85.7	86.6	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
GE 2500	80.4	83.6	85.6	86.4	87.3	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9
GE 2000	81.0	84.4	86.6	87.6	88.7	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3
GE 1800	81.1	84.6	86.7	87.7	88.8	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 1500	81.9	85.3	87.7	88.8	90.0	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7
GE 1200	82.4	86.0	88.4	90.1	91.4	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.6	92.6	92.6	92.6
GE 1000	82.8	86.8	89.4	91.3	92.9	93.7	94.2	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.6	94.6
GE 900	82.8	86.9	89.6	91.6	93.2	94.0	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 800	82.9	87.0	89.7	91.9	93.7	94.4	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 700	83.0	87.1	89.8	92.7	94.7	95.6	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	83.0	87.1	90.0	93.3	95.8	96.8	97.3	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	83.0	87.1	90.0	93.3	95.8	96.8	97.4	97.9	97.9	97.9	98.0	98.0	98.3	98.3	98.3	98.3
GE 400	83.0	87.1	90.0	93.3	96.1	97.2	98.1	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1
GE 300	83.0	87.1	90.0	93.3	96.1	97.2	98.2	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6
GE 200	83.0	87.1	90.0	93.3	96.1	97.2	98.2	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6
GE 100	83.0	87.1	90.0	93.3	96.1	97.2	98.2	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.7
GE 000	83.0	87.1	90.0	93.3	96.1	97.2	98.2	99.0	99.1	99.1	99.2	99.2	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	47.3	48.1	48.5	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1
GE 20000	52.3	55.2	56.1	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
GE 18000	52.5	55.4	56.3	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 16000	52.5	55.4	56.3	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 14000	52.7	55.6	56.6	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 12000	53.3	56.2	57.3	57.8	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	57.6	60.8	61.9	62.5	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	58.2	61.5	62.6	63.2	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	62.8	66.2	67.5	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 7000	64.2	67.7	69.0	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 6000	64.9	68.5	69.8	70.4	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
GE 5000	66.0	69.7	71.0	71.7	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
GE 4500	67.8	71.6	73.0	73.8	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	71.4	75.3	77.0	77.8	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 3500	74.2	78.4	80.2	81.2	81.7	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
GE 3000	76.2	80.6	82.6	83.7	84.3	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 2500	77.1	81.7	83.8	84.9	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 2000	77.7	82.5	84.8	85.9	86.7	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1800	78.0	82.9	85.1	86.3	87.1	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1500	78.9	84.0	86.4	87.8	88.7	88.9	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
GE 1200	79.5	84.9	87.5	89.0	90.0	90.3	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	79.9	85.6	88.5	90.3	91.6	91.9	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 900	80.1	85.9	88.8	90.7	92.1	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 800	80.2	86.2	89.3	91.4	92.9	93.5	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 700	80.3	86.5	89.8	92.1	93.9	94.6	95.2	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 600	80.3	86.6	90.0	92.4	94.5	95.2	96.0	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 500	80.4	86.7	90.1	92.6	95.0	95.8	96.9	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	80.4	86.7	90.1	92.7	95.2	96.1	97.4	98.2	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9
GE 300	80.4	86.7	90.2	92.8	95.3	96.2	97.6	98.6	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.5
GE 200	80.4	86.7	90.2	92.8	95.3	96.2	97.6	98.6	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.6
GE 100	80.4	86.7	90.2	92.8	95.3	96.2	97.6	98.6	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
GE 000	80.4	86.7	90.2	92.8	95.3	96.2	97.6	98.6	98.9	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/3	GE 1/4	GE 0
NO CEIL	41.9	46.2	50.4	52.3	53.7	54.0	54.4	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 20000	46.0	51.4	56.2	58.2	59.7	60.0	60.4	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 18000	46.0	51.4	56.2	58.2	59.7	60.0	60.4	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 16000	46.0	51.4	56.2	58.2	59.7	60.0	60.4	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 14000	46.2	51.6	56.5	58.4	59.9	60.2	60.6	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 12000	47.2	52.6	57.4	59.4	60.9	61.2	61.6	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5
GE 10000	51.5	57.2	62.4	64.9	66.5	66.8	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 9000	51.5	57.3	62.5	65.1	66.6	66.9	67.5	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 8000	55.1	61.5	67.4	70.3	72.0	72.5	73.4	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 7000	55.4	61.8	67.8	70.8	72.5	72.9	73.9	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 6000	55.6	62.0	68.3	71.2	72.9	73.3	74.3	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.3
GE 5000	56.7	63.7	70.0	73.0	74.7	75.2	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 4500	58.1	65.4	71.7	74.7	76.6	77.0	78.0	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.1
GE 4000	59.0	67.0	74.0	77.1	79.1	79.6	80.5	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 3500	60.1	68.5	75.7	78.8	81.4	81.8	82.8	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 3000	61.2	70.0	77.6	81.1	84.2	84.7	85.8	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 2500	61.6	70.5	78.4	81.8	85.1	85.6	86.7	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 2000	62.4	71.4	79.2	83.2	86.5	87.0	88.2	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 1800	62.5	71.5	79.4	83.3	86.6	87.2	88.4	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 1500	62.9	71.9	79.9	83.9	87.5	88.4	89.7	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 1200	63.0	72.4	81.0	85.4	89.1	90.1	91.4	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.6
GE 1000	63.2	72.9	81.6	86.1	90.0	91.0	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 900	63.3	73.0	81.8	86.5	90.5	91.7	93.1	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3
GE 800	63.4	73.1	82.2	86.8	90.9	92.0	93.5	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 700	63.7	73.4	82.6	87.3	91.7	92.9	94.5	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 600	63.7	73.4	82.6	87.4	91.8	93.0	95.1	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 500	63.7	73.4	82.6	87.5	92.0	93.7	96.0	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.0
GE 400	63.7	73.4	82.6	87.5	92.0	93.7	96.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 300	63.7	73.4	82.6	87.5	92.0	93.7	96.3	98.0	98.0	98.6	98.8	98.8	98.9	98.9	98.9	99.0
GE 200	63.7	73.4	82.6	87.5	92.0	93.7	96.3	98.0	98.0	98.6	98.8	98.8	99.1	99.1	99.1	99.2
GE 100	63.7	73.4	82.6	87.5	92.0	93.7	96.3	98.0	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.8
GE 000	63.7	73.4	82.6	87.5	92.0	93.7	96.3	98.0	98.0	98.6	98.8	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
IST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.7	42.3	45.9	49.4	51.4	51.8	52.0	52.9	53.1	53.4	53.8	53.8	53.9	54.0	54.3	54.5
GE 20000	35.7	45.1	49.5	53.5	56.0	56.7	56.9	57.8	58.1	58.5	58.8	58.8	58.9	59.0	59.5	59.7
GE 18000	35.7	45.1	49.5	53.5	56.0	56.7	56.9	57.8	58.1	58.5	58.8	58.8	58.9	59.0	59.5	59.7
GE 16000	35.7	45.1	49.5	53.5	56.0	56.7	56.9	57.8	58.1	58.5	58.8	58.8	58.9	59.0	59.5	59.7
GE 14000	35.7	45.2	49.6	53.7	56.1	56.8	57.0	58.0	58.2	58.6	58.9	58.9	59.0	59.1	59.6	59.8
GE 12000	35.8	45.3	49.7	54.0	56.5	57.1	57.3	58.3	58.6	59.0	59.5	59.5	59.6	59.7	60.1	60.3
GE 10000	39.0	49.6	54.3	58.6	61.2	61.9	62.2	63.1	63.4	63.9	64.3	64.3	64.4	64.5	64.9	65.2
GE 9000	39.1	49.7	54.4	58.7	61.4	62.2	62.5	63.4	63.8	64.2	64.6	64.6	64.7	64.8	65.3	65.5
GE 8000	41.4	53.2	58.8	63.3	66.1	66.9	67.2	68.2	68.5	68.9	69.6	69.6	69.7	69.8	70.2	70.4
GE 7000	42.0	54.1	59.7	64.2	67.0	67.7	68.1	69.0	69.4	69.8	70.4	70.4	70.5	70.6	71.1	71.3
GE 6000	42.2	54.3	59.9	64.4	67.4	68.3	68.6	69.6	69.9	70.3	71.0	71.0	71.1	71.2	71.6	71.8
GE 5000	42.9	55.2	61.2	66.1	69.1	70.0	70.3	71.3	71.6	72.0	72.7	72.7	72.8	72.9	73.3	73.5
GE 4500	44.4	57.2	63.7	68.8	71.8	72.7	73.2	74.4	74.7	75.2	75.8	75.8	75.9	76.0	76.5	76.7
GE 4000	45.4	58.3	65.3	70.6	73.8	74.6	75.4	76.6	76.9	77.3	78.0	78.0	78.1	78.2	78.6	78.8
GE 3500	45.8	58.7	66.3	72.0	75.4	76.2	77.1	78.3	78.6	79.0	79.7	79.7	79.8	79.9	80.3	80.5
GE 3000	46.2	59.8	67.5	73.3	77.0	77.8	79.0	80.2	80.5	81.0	81.6	81.6	81.7	81.8	82.3	82.5
GE 2500	46.8	60.4	68.2	74.1	77.7	78.9	80.1	81.3	81.6	82.0	82.7	82.7	82.8	82.9	83.3	83.5
GE 2000	47.2	61.0	68.7	75.1	79.1	80.4	81.6	82.8	83.2	83.7	84.4	84.4	84.5	84.6	85.1	85.3
GE 1800	47.3	61.1	68.9	75.3	79.4	80.6	81.8	83.0	83.4	83.9	84.6	84.6	84.7	84.8	85.3	85.5
GE 1500	48.0	61.8	69.7	76.6	80.6	82.0	83.2	84.4	84.8	85.3	86.0	86.0	86.1	86.2	86.7	86.9
GE 1200	48.4	62.4	70.3	77.6	81.7	83.2	84.6	85.8	86.2	86.7	87.4	87.4	87.5	87.6	88.1	88.3
GE 1000	48.9	63.4	71.9	79.8	81.1	85.7	87.1	88.3	88.7	89.1	89.9	89.9	90.0	90.1	90.5	90.8
GE 900	48.9	63.4	71.9	79.8	84.1	85.7	87.1	88.3	88.7	89.1	89.9	89.9	90.0	90.1	90.5	90.8
GE 800	48.9	63.8	72.3	80.4	84.8	86.5	88.2	89.4	89.8	90.2	91.0	91.0	91.1	91.2	91.6	91.8
GE 700	49.1	64.2	73.0	81.3	86.0	87.6	89.7	91.1	91.5	91.9	92.7	92.7	92.8	92.9	93.3	93.5
GE 600	49.1	64.2	73.0	81.5	86.5	88.3	90.3	91.7	92.2	92.7	93.5	93.5	93.7	93.8	94.2	94.4
GE 500	49.4	64.6	73.4	81.9	86.9	89.0	91.5	92.9	93.3	93.9	94.9	94.9	95.1	95.2	95.6	95.8
GE 400	49.4	64.6	73.4	82.2	87.1	89.2	91.8	93.7	94.3	95.1	96.2	96.2	96.3	96.5	97.0	97.2
GE 300	49.4	64.6	73.4	82.2	87.1	89.4	92.4	94.3	94.9	96.0	97.2	97.2	97.4	97.5	98.1	98.3
GE 200	49.4	64.6	73.4	82.2	87.1	89.4	92.4	94.5	95.3	96.3	97.6	97.6	98.0	98.1	98.6	98.8
GE 100	49.4	64.6	73.4	82.2	87.1	89.4	92.4	94.5	95.3	96.5	98.0	98.0	98.5	98.6	99.1	99.6
GE 000	49.4	64.6	73.4	82.2	87.1	89.4	92.4	94.5	95.3	96.5	98.0	98.0	98.5	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	42.9	46.5	48.0	49.8	50.1	50.3	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.2	51.4
GE 20000	38.1	47.5	51.6	53.1	55.5	56.0	56.2	56.6	56.7	57.1	57.1	57.2	57.2	57.2	57.3	57.5
GE 18000	38.1	47.5	51.6	53.1	55.5	56.0	56.2	56.6	56.7	57.1	57.1	57.2	57.2	57.2	57.3	57.5
GE 16000	38.1	47.5	51.6	53.1	55.5	56.0	56.2	56.6	56.7	57.1	57.1	57.2	57.2	57.2	57.3	57.5
GE 14000	38.2	47.7	51.8	53.4	55.8	56.3	56.6	56.9	57.0	57.4	57.4	57.5	57.5	57.5	57.6	57.8
GE 12000	38.6	48.3	52.7	54.3	56.7	57.2	57.4	57.7	57.8	58.3	58.3	58.4	58.4	58.4	58.5	58.7
GE 10000	41.4	51.8	56.7	58.7	61.3	61.9	62.4	62.7	62.8	63.2	63.3	63.4	63.4	63.4	63.5	63.8
GE 9000	41.6	52.0	57.1	59.2	61.9	62.6	63.0	63.3	63.4	63.9	64.0	64.1	64.1	64.1	64.2	64.4
GE 8000	44.7	55.6	61.2	64.0	67.0	67.7	68.2	68.5	68.6	69.0	69.1	69.2	69.2	69.2	69.4	69.6
GE 7000	45.6	56.7	62.5	65.3	68.4	69.1	69.6	69.9	70.0	70.4	70.5	70.6	70.6	70.6	70.8	71.0
GE 6000	45.8	57.4	63.3	66.1	69.2	70.1	70.5	70.9	71.0	71.4	71.5	71.6	71.6	71.6	71.7	71.9
GE 5000	46.9	58.8	65.3	68.5	71.8	72.7	73.1	73.4	73.5	74.0	74.1	74.2	74.2	74.2	74.3	74.5
GE 4500	48.0	60.0	66.5	69.9	73.4	74.3	74.7	75.1	75.2	75.6	75.7	75.8	75.8	75.8	75.9	76.1
GE 4000	48.0	60.0	66.9	70.8	74.6	75.7	76.3	76.9	77.0	77.4	77.5	77.6	77.6	77.6	77.7	78.0
GE 3500	49.0	61.2	68.2	72.3	76.1	77.5	78.2	78.7	78.9	79.4	79.5	79.6	79.6	79.6	79.7	79.9
GE 3000	49.2	61.4	68.6	73.0	77.0	78.5	79.1	79.7	79.9	80.3	80.4	80.5	80.5	80.5	80.6	80.9
GE 2500	49.6	61.7	69.1	73.5	77.6	79.4	80.1	80.6	80.9	81.3	81.4	81.5	81.5	81.5	81.6	81.8
GE 2000	50.0	62.7	70.1	74.5	78.6	80.3	81.1	81.6	81.9	82.4	82.5	82.6	82.6	82.6	82.7	82.9
GE 1800	50.3	63.0	70.5	75.1	79.1	80.9	81.6	82.2	82.6	83.0	83.1	83.2	83.2	83.2	83.3	83.5
GE 1500	50.9	63.7	71.4	76.5	80.9	82.5	83.2	83.8	84.2	84.6	84.7	84.8	84.8	84.8	84.9	85.2
GE 1200	51.6	64.5	72.4	78.3	83.0	84.7	85.6	86.3	86.8	87.2	87.3	87.4	87.4	87.4	87.5	87.7
GE 1000	51.7	65.1	73.1	79.5	84.4	86.1	87.3	88.1	88.5	88.9	89.1	89.2	89.2	89.2	89.4	89.6
GE 900	51.7	65.1	73.1	79.7	84.6	86.5	87.7	88.5	88.9	89.4	89.6	89.7	89.7	89.7	89.8	90.0
GE 800	51.8	65.2	73.4	80.0	85.1	87.0	88.6	89.5	89.9	90.3	90.5	90.6	90.6	90.6	90.8	91.0
GE 700	51.9	65.5	73.8	80.4	85.7	87.6	89.5	90.3	90.8	91.2	91.4	91.5	91.5	91.5	91.6	91.8
GE 600	51.9	65.6	74.3	81.1	86.5	88.5	90.5	91.6	92.2	92.6	92.8	92.9	92.9	92.9	93.0	93.2
GE 500	52.0	65.7	74.5	81.4	87.4	89.6	91.7	92.9	93.8	94.4	94.6	94.7	94.7	94.7	94.9	95.2
GE 400	52.0	65.7	74.5	81.7	88.0	90.2	92.6	94.2	95.1	96.1	96.9	97.0	97.1	97.1	97.3	97.5
GE 300	52.0	65.7	74.5	81.7	88.0	90.2	92.8	94.4	95.3	96.7	97.5	97.7	97.8	97.8	98.1	98.3
GE 200	52.0	65.7	74.5	81.7	88.0	90.2	92.9	94.5	95.4	96.8	97.7	98.1	98.2	98.2	98.7	99.0
GE 100	52.0	65.7	74.5	81.7	88.0	90.2	92.9	94.5	95.4	96.8	97.8	98.2	98.4	98.4	99.1	99.9
GE 000	52.0	65.7	74.5	81.7	88.0	90.2	92.9	94.5	95.4	96.8	97.8	98.2	98.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	48.5	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	49.5	56.1	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	49.6	56.2	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	49.6	56.2	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	49.8	56.6	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	50.6	57.6	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	52.7	60.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	53.1	60.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	55.6	64.0	68.6	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	56.1	64.7	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	57.0	65.6	70.6	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	58.2	66.9	72.4	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	60.0	68.8	74.5	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	61.6	70.6	76.5	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	63.3	72.4	78.5	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	64.6	74.0	80.3	81.2	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	65.3	75.1	81.6	82.5	82.8	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	65.7	75.8	82.6	83.5	84.2	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	65.7	75.9	82.7	83.7	84.3	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	66.8	77.2	84.3	85.5	86.3	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	67.6	78.6	86.6	88.4	89.8	89.9	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	67.7	79.1	87.6	89.7	91.6	91.8	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	67.8	79.6	88.4	90.9	92.9	93.1	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	68.0	79.7	88.6	91.1	93.3	93.5	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	68.0	79.7	88.8	91.7	94.5	94.8	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	68.0	79.7	89.0	91.9	94.7	95.2	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	68.0	79.7	89.1	92.2	95.3	95.9	97.0	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	68.0	79.7	89.1	92.2	95.3	95.9	97.0	98.1	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	68.0	79.7	89.1	92.2	95.4	96.1	97.3	98.4	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	68.0	79.7	89.1	92.2	95.4	96.1	97.3	98.4	98.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	68.0	79.7	89.1	92.2	95.4	96.1	97.3	98.4	98.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	68.0	79.7	89.1	92.2	95.4	96.1	97.3	98.4	98.5	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	48.9	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	50.3	56.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	50.4	56.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	50.4	56.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	50.4	56.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	52.3	58.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	55.5	62.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	56.0	63.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	58.6	66.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	59.1	66.8	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	59.9	67.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	61.8	69.7	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	62.9	71.0	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	67.4	75.9	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	69.2	78.5	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	71.0	81.1	84.1	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	72.0	82.6	85.9	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	72.5	83.4	87.1	87.7	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	72.9	83.9	87.6	88.3	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	74.1	85.4	89.4	90.1	90.6	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	74.6	86.2	90.4	92.0	92.8	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	74.8	86.7	91.1	93.3	94.5	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	74.9	87.0	91.5	94.0	95.2	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	74.9	87.2	91.9	94.4	95.6	95.8	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	74.9	87.2	92.4	95.1	96.6	97.1	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	74.9	87.2	92.4	95.1	96.7	97.2	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.9	87.2	92.4	95.1	96.7	97.2	98.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	45.4	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	50.1	55.7	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	50.2	55.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	50.2	55.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	50.8	56.3	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	51.8	57.5	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	54.7	61.0	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	55.4	62.0	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	59.8	67.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	60.2	67.8	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	61.6	69.2	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	63.1	70.9	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	64.9	72.8	75.3	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	69.1	78.1	80.8	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	70.5	79.8	82.8	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	71.9	81.9	85.2	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	72.6	82.9	86.5	87.5	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	73.3	84.1	88.0	89.1	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	73.7	84.6	88.6	89.9	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.7
GE 1500	74.4	85.7	90.0	91.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	74.6	86.2	90.8	92.6	93.9	93.9	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	74.7	86.6	91.2	93.5	94.9	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	74.8	86.8	91.5	94.0	95.5	95.5	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	74.8	87.0	92.0	94.6	96.1	96.2	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	75.1	87.3	92.5	95.1	96.6	96.7	97.3	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	75.1	87.3	92.5	95.2	96.8	96.9	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	75.1	87.3	92.5	95.2	96.8	96.9	97.8	99.0	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	46.0	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	50.0	54.3	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	50.3	54.6	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	50.3	54.6	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	51.0	55.3	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	51.4	55.8	59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	54.7	59.9	63.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	55.1	60.3	64.3	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	59.5	65.4	70.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	60.4	66.5	71.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	61.0	67.1	72.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	62.6	69.4	74.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	64.3	71.3	76.5	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	67.3	74.4	80.0	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	69.2	76.5	82.3	84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	71.0	79.1	85.4	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	71.6	79.9	86.1	88.6	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	72.2	80.8	87.4	90.2	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	72.2	80.8	87.5	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 1500	72.6	81.7	88.6	91.5	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	72.6	82.2	89.0	92.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 1000	72.6	82.3	89.1	92.4	93.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 900	72.6	82.4	89.4	92.7	94.0	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 800	72.7	82.9	90.0	93.3	94.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 700	72.7	83.2	90.3	93.7	95.1	96.0	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 600	72.7	83.2	90.3	93.9	95.5	96.7	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 500	72.7	83.2	90.3	93.9	95.6	96.8	97.5	98.4	98.6	98.6	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	72.7	83.2	90.3	93.9	95.6	96.8	97.5	98.6	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
GE 300	72.7	83.2	90.3	93.9	95.7	96.9	97.8	98.9	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	72.7	83.2	90.3	93.9	95.7	96.9	97.8	98.9	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	72.7	83.2	90.3	93.9	95.7	96.9	97.8	98.9	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	72.7	83.2	90.3	93.9	95.7	96.9	97.8	98.9	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	49.5	51.0	52.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	51.2	54.2	56.1	58.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	51.3	54.3	56.2	58.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	51.3	54.3	56.2	58.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 14000	51.4	54.5	56.5	58.3	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	51.9	55.2	57.1	58.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	55.4	59.7	61.7	63.9	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	55.9	60.2	62.3	64.4	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	60.1	66.0	68.3	70.9	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	60.8	66.9	69.1	71.8	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	61.2	67.3	69.6	72.3	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	61.9	68.4	71.0	73.9	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500	64.5	71.5	74.1	77.2	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	66.2	74.2	77.3	81.0	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	67.0	75.3	78.8	83.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	68.5	77.3	81.2	86.6	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	69.0	77.8	81.7	87.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	69.2	78.3	82.2	88.0	90.5	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	69.2	78.3	82.3	88.1	90.6	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	69.7	78.7	82.7	88.7	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	70.0	79.1	83.1	89.2	92.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	70.1	79.8	83.8	90.2	93.9	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	70.1	79.8	83.9	90.4	94.3	94.6	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	70.1	80.0	84.4	91.1	95.2	95.5	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	70.1	80.1	84.6	91.3	95.5	95.9	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	70.1	80.1	84.6	91.3	95.8	96.2	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	70.1	80.2	84.7	91.5	96.1	96.8	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	70.1	80.2	84.7	91.5	96.1	96.8	98.1	98.7	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.5
GE 300	70.1	80.2	84.7	91.5	96.1	96.8	98.3	98.9	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	70.1	80.2	84.7	91.5	96.1	96.8	98.3	98.9	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	70.1	80.2	84.7	91.5	96.1	96.8	98.3	98.9	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	70.1	80.2	84.7	91.5	96.1	96.8	98.3	98.9	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.1	46.2	48.8	49.9	50.8	50.9	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.6
GE 20000	46.4	52.6	55.8	57.1	58.1	58.3	58.4	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.0
GE 18000	46.5	52.7	55.9	57.2	58.2	58.4	58.5	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.1
GE 16000	46.5	52.7	55.9	57.2	58.2	58.4	58.5	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.1
GE 14000	46.7	53.0	56.2	57.5	58.5	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.4
GE 12000	47.5	53.9	57.1	58.5	59.5	59.7	59.8	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.4
GE 10000	50.6	57.7	61.3	62.8	63.9	64.1	64.3	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9
GE 9000	51.0	58.2	61.7	63.4	64.4	64.7	64.9	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 8000	54.3	62.4	66.5	68.3	69.5	69.8	70.0	70.3	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.7
GE 7000	55.0	63.2	67.4	69.3	70.5	70.8	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7
GE 6000	55.5	63.8	68.1	70.0	71.3	71.5	71.8	72.0	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.5
GE 5000	56.8	65.3	69.9	72.0	73.3	73.6	73.8	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.5	74.5
GE 4500	58.4	67.2	71.9	74.1	75.4	75.7	76.0	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.7
GE 4000	60.5	69.8	74.9	77.2	78.7	79.0	79.4	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.2
GE 3500	61.8	71.3	76.7	79.3	81.0	81.4	81.7	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.5	82.5
GE 3000	63.0	73.1	78.7	81.7	83.5	84.0	84.4	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.2	85.2
GE 2500	63.6	73.9	79.7	82.7	84.6	85.2	85.6	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.5
GE 2000	64.1	74.7	80.7	83.9	86.0	86.5	87.1	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.9	88.0
GE 1800	64.2	74.9	80.9	84.2	86.3	86.9	87.4	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.3
GE 1500	64.9	75.8	82.0	85.6	87.9	88.5	89.1	89.5	89.6	89.7	89.9	89.9	89.9	89.9	90.0	90.0
GE 1200	65.3	76.5	82.9	87.0	89.5	90.2	90.9	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.8	91.9
GE 1000	65.5	77.0	83.7	88.1	90.9	91.6	92.4	92.9	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.5
GE 900	65.5	77.1	83.9	88.5	91.4	92.2	93.0	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
GE 800	65.6	77.4	84.4	89.0	92.0	92.8	93.7	94.3	94.4	94.6	94.7	94.8	94.8	94.8	94.9	94.9
GE 700	65.7	77.6	84.7	89.5	92.7	93.6	94.7	95.4	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	65.7	77.6	84.8	89.7	93.0	94.0	95.3	96.1	96.3	96.5	96.7	96.7	96.7	96.7	96.8	96.9
GE 500	65.7	77.7	84.9	89.8	93.3	94.5	96.0	97.1	97.3	97.6	97.9	97.9	97.9	97.9	98.0	98.1
GE 400	65.7	77.7	84.9	89.9	93.4	94.6	96.2	97.4	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.8
GE 300	65.7	77.7	84.9	89.9	93.5	94.6	96.4	97.7	98.1	98.7	99.1	99.1	99.2	99.2	99.4	99.4
GE 200	65.7	77.7	84.9	89.9	93.5	94.6	96.4	97.8	98.1	98.7	99.2	99.2	99.4	99.4	99.5	99.6
GE 100	65.7	77.7	84.9	89.9	93.5	94.6	96.4	97.8	98.1	98.7	99.2	99.3	99.5	99.5	99.7	99.9
GE 000	65.7	77.7	84.9	89.9	93.5	94.6	96.4	97.8	98.1	98.7	99.2	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	47.4	53.3	56.8	60.6	61.3	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4
GE 20000	44.7	55.8	62.7	66.3	70.8	71.6	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 18000	44.7	55.8	62.7	66.3	70.8	71.6	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 16000	44.7	55.8	62.7	66.3	70.8	71.6	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 14000	44.7	55.8	62.7	66.3	70.8	71.6	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 12000	45.2	56.6	63.4	67.2	71.7	72.4	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.7
GE 10000	47.2	60.0	67.3	71.6	76.0	76.8	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1
GE 9000	47.6	60.4	68.0	72.3	76.8	77.6	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.9
GE 8000	50.0	63.8	71.9	76.3	81.4	82.2	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.6
GE 7000	50.4	64.6	72.8	77.2	82.3	83.1	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4
GE 6000	50.7	64.8	73.2	77.7	82.8	83.6	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.9
GE 5000	50.7	64.9	73.6	78.1	83.2	84.0	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 4500	51.4	65.8	74.8	79.7	85.0	85.8	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.1
GE 4000	53.1	67.8	77.7	82.6	88.1	88.9	90.0	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.6
GE 3500	53.6	68.4	78.3	83.6	89.2	90.0	91.1	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.7
GE 3000	53.9	69.2	79.2	84.6	91.0	91.8	93.1	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.7
GE 2500	54.4	69.8	79.8	85.1	91.6	92.3	93.7	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.2
GE 2000	54.6	69.9	79.9	85.2	92.1	92.9	94.2	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.8
GE 1800	54.7	70.1	80.2	85.6	92.4	93.2	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1
GE 1500	54.9	70.4	80.6	85.9	93.0	93.8	95.1	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.7
GE 1200	54.9	70.9	81.2	86.6	93.7	94.6	95.9	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.4
GE 1000	54.9	71.3	81.7	87.0	94.3	95.2	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.1
GE 900	54.9	71.4	81.8	87.2	94.6	95.4	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.3
GE 800	54.9	71.7	82.1	87.8	95.1	96.0	97.3	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.9
GE 700	55.1	71.9	82.4	88.2	95.8	96.7	98.2	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.8
GE 600	55.1	71.9	82.4	88.3	96.2	97.3	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.4
GE 500	55.1	71.9	82.4	88.3	96.3	97.4	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.6
GE 400	55.1	71.9	82.4	88.3	96.3	97.4	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.6
GE 300	55.1	71.9	82.4	88.3	96.3	97.4	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	55.1	71.9	82.4	88.3	96.3	97.4	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	55.1	71.9	82.4	88.3	96.3	97.4	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	100.0
GE 000	55.1	71.9	82.4	88.3	96.3	97.4	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.1	41.7	46.0	49.6	55.2	56.4	59.0	59.3	59.3	59.8	59.9	59.9	60.0	60.0	60.0	60.0
GE 20000	37.1	47.3	52.3	56.8	63.6	64.8	67.3	67.7	67.7	68.1	68.2	68.2	68.3	68.3	68.3	68.3
GE 18000	37.1	47.3	52.3	56.8	63.6	64.8	67.3	67.7	67.7	68.1	68.2	68.2	68.3	68.3	68.3	68.3
GE 16000	37.2	47.4	52.4	56.9	63.7	64.9	67.4	67.8	67.8	68.2	68.3	68.3	68.4	68.4	68.4	68.4
GE 14000	37.3	47.6	52.6	57.0	63.8	65.0	67.6	67.9	67.9	68.3	68.4	68.4	68.6	68.6	68.6	68.6
GE 12000	38.1	48.6	53.6	58.0	64.9	66.1	68.7	69.0	69.0	69.4	69.6	69.6	69.7	69.7	69.7	69.7
GE 10000	40.1	52.2	57.8	63.3	70.7	71.9	74.4	74.8	74.8	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 9000	40.7	52.8	58.3	63.9	71.2	72.4	75.1	75.4	75.4	75.9	76.0	76.0	76.1	76.1	76.1	76.1
GE 8000	43.8	56.9	62.8	68.7	76.1	77.3	80.3	80.7	80.7	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 7000	44.6	57.9	63.8	69.7	77.2	78.4	81.4	81.9	81.9	82.4	82.6	82.6	82.7	82.7	82.7	82.7
GE 6000	44.7	58.1	64.0	69.9	77.4	78.7	81.7	82.1	82.1	82.7	82.8	82.8	82.9	82.9	82.9	82.9
GE 5000	45.4	59.0	65.0	71.0	78.6	79.8	82.9	83.6	83.6	84.2	84.3	84.3	84.4	84.4	84.4	84.4
GE 4500	46.0	59.6	65.7	71.7	79.2	80.6	83.7	84.3	84.3	85.0	85.1	85.1	85.2	85.2	85.2	85.2
GE 4000	47.1	60.9	67.4	73.9	81.6	82.9	86.0	86.7	86.7	87.3	87.4	87.4	87.6	87.6	87.6	87.6
GE 3500	47.4	61.4	68.1	74.6	82.2	83.6	86.7	87.3	87.3	88.0	88.1	88.1	88.3	88.3	88.3	88.3
GE 3000	48.0	62.1	68.8	75.2	83.3	84.7	88.0	88.8	88.8	89.6	89.7	89.7	89.9	89.9	89.9	89.9
GE 2500	48.4	62.6	69.2	75.7	83.8	85.1	88.4	89.2	89.2	90.0	90.1	90.1	90.3	90.3	90.3	90.3
GE 2000	48.7	62.8	69.7	76.1	84.2	85.9	89.2	90.0	90.0	90.8	90.9	90.9	91.1	91.1	91.1	91.1
GE 1800	48.8	62.9	69.8	76.2	84.3	86.0	89.3	90.1	90.1	90.9	91.0	91.0	91.2	91.2	91.2	91.2
GE 1500	48.8	63.0	70.0	76.4	84.7	86.3	89.8	90.6	90.6	91.3	91.4	91.4	91.7	91.7	91.7	91.7
GE 1200	49.2	63.4	70.4	76.9	85.4	87.1	90.6	91.3	91.3	92.1	92.2	92.2	92.4	92.4	92.4	92.4
GE 1000	49.6	64.2	71.4	78.0	86.7	88.3	92.0	92.8	92.8	93.6	93.7	93.7	94.0	94.0	94.0	94.0
GE 900	49.7	64.3	71.6	78.1	86.8	88.4	92.1	92.9	92.9	93.7	93.8	93.8	94.1	94.1	94.1	94.1
GE 800	49.8	64.4	71.8	78.9	87.8	89.4	93.1	93.9	93.9	94.8	94.9	94.9	95.2	95.2	95.2	95.2
GE 700	49.8	64.4	72.2	79.6	88.4	90.2	94.1	95.0	95.0	95.9	96.0	96.0	96.3	96.3	96.3	96.3
GE 600	49.8	64.4	72.2	79.8	89.1	90.9	94.9	95.8	95.8	96.8	96.9	96.9	97.2	97.2	97.2	97.2
GE 500	49.8	64.4	72.2	80.2	89.8	91.7	96.0	96.9	96.9	97.9	98.0	98.0	98.3	98.3	98.3	98.3
GE 400	49.8	64.6	72.4	80.4	90.1	92.0	96.4	97.3	97.3	98.3	98.4	98.4	98.8	98.8	98.8	98.8
GE 300	49.8	64.8	72.7	80.7	90.3	92.2	96.7	97.6	97.6	98.9	99.0	99.1	99.4	99.4	99.4	99.4
GE 200	49.8	64.8	72.7	80.7	90.3	92.2	96.7	97.6	97.6	98.9	99.0	99.1	99.7	99.7	99.7	99.8
GE 100	49.8	64.8	72.7	80.7	90.3	92.2	96.7	97.6	97.6	98.9	99.0	99.1	99.7	99.7	99.7	100.0
GE 000	49.8	64.8	72.7	80.7	90.3	92.2	96.7	97.6	97.6	98.9	99.0	99.1	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	42.7	48.0	51.7	55.1	55.8	56.9	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3
GE 20000	34.1	46.6	52.6	56.9	60.9	61.6	62.8	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 18000	34.1	46.6	52.6	56.9	60.9	61.6	62.8	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 16000	34.2	46.7	52.7	57.0	61.0	61.7	62.9	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6
GE 14000	34.6	47.0	53.2	57.6	61.7	62.3	63.6	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 12000	35.2	47.8	54.1	58.6	62.8	63.4	64.8	65.2	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6
GE 10000	38.2	52.0	59.1	63.9	68.7	69.3	70.8	71.2	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6
GE 9000	38.3	52.1	59.2	64.1	68.9	69.6	71.0	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
GE 8000	41.0	55.8	63.6	69.0	74.0	74.9	76.6	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 7000	41.4	56.8	64.6	70.3	75.3	76.2	78.0	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 6000	41.4	57.0	64.9	70.7	75.7	76.6	78.3	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 5000	42.1	58.1	66.4	72.2	77.3	78.2	80.0	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 4500	43.0	59.2	67.6	73.3	78.6	79.4	81.2	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 4000	44.7	61.2	69.7	75.9	81.2	82.1	83.9	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 3500	45.6	62.3	71.0	77.2	82.6	83.4	85.2	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 3000	46.7	63.7	72.4	78.9	84.4	85.3	87.2	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 2500	47.1	64.1	72.9	79.4	85.0	85.9	87.8	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 2000	47.8	64.8	73.6	80.1	85.8	86.7	88.6	89.3	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 1800	47.8	64.8	73.6	80.1	85.8	86.7	88.6	89.3	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 1500	47.9	64.9	73.9	80.6	86.2	87.1	89.1	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	48.2	65.3	74.3	81.0	86.9	87.9	89.9	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 1000	48.9	66.1	75.7	82.3	88.3	89.4	91.6	92.3	92.4	92.7	92.7	92.7	93.0	93.0	93.0	93.0
GE 900	48.9	66.6	76.2	83.2	89.7	90.8	92.9	93.7	93.8	94.0	94.0	94.0	94.3	94.3	94.3	94.3
GE 800	48.9	66.7	76.7	84.2	90.8	92.0	94.4	95.4	95.6	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE 700	48.9	66.7	76.8	84.7	91.7	92.9	95.3	96.6	96.7	96.9	96.9	96.9	97.2	97.2	97.2	97.2
GE 600	48.9	66.8	76.9	84.9	92.0	93.2	95.7	96.9	97.0	97.2	97.2	97.2	97.6	97.6	97.6	97.6
GE 500	48.9	66.8	77.2	85.3	92.6	93.9	96.6	98.3	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 400	48.9	66.8	77.2	85.3	92.8	94.1	96.8	98.6	98.8	99.1	99.1	99.1	99.6	99.6	99.6	99.6
GE 300	48.9	66.8	77.2	85.3	92.8	94.1	96.8	98.6	98.8	99.1	99.1	99.2	99.7	99.7	99.7	99.7
GE 200	48.9	66.8	77.2	85.3	92.8	94.1	96.8	98.6	98.8	99.1	99.1	99.2	99.7	99.7	99.8	100.0
GE 100	48.9	66.8	77.2	85.3	92.8	94.1	96.8	98.6	98.8	99.1	99.1	99.2	99.7	99.7	99.8	100.0
GE 000	48.9	66.8	77.2	85.3	92.8	94.1	96.8	98.6	98.8	99.1	99.1	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	49.4	54.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	45.3	58.8	64.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	45.6	59.0	65.1	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	45.6	59.0	65.1	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 14000	45.6	59.1	65.2	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	46.7	60.8	66.9	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	50.1	64.8	71.1	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	50.6	65.2	71.6	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	53.9	69.7	76.3	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	54.4	70.6	77.3	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	54.4	70.6	77.3	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	55.0	71.1	77.9	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	55.7	72.3	79.1	83.0	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	57.9	75.1	82.0	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	59.0	76.4	83.6	87.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	59.9	78.0	85.6	90.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	60.3	78.6	86.3	90.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	60.6	79.0	86.9	91.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	60.6	79.3	87.2	91.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	61.2	80.2	88.3	93.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	61.7	80.8	89.1	94.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	62.0	81.2	89.9	94.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	62.0	81.3	90.4	95.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	62.0	81.3	90.6	96.0	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	62.0	81.3	90.6	96.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	62.0	81.6	90.9	96.4	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	62.0	81.6	90.9	96.4	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	62.0	81.6	90.9	96.4	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	62.0	81.6	90.9	96.4	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	62.0	81.6	90.9	96.4	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	62.0	81.6	90.9	96.4	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	62.0	81.6	90.9	96.4	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.7	48.8	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	46.2	61.0	66.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 18000	46.4	61.2	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	46.4	61.2	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	46.7	61.6	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	48.2	63.3	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	50.2	66.7	72.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	50.8	67.2	73.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	54.4	71.8	77.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	54.8	72.1	78.1	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	54.9	72.2	78.2	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	55.6	73.4	79.7	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	55.8	74.1	80.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	58.8	78.2	84.9	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	60.8	80.6	87.7	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	63.0	83.8	91.0	93.0	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	63.4	84.2	92.0	94.1	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	64.0	85.0	93.0	95.1	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	64.1	85.1	93.1	95.2	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	64.6	86.0	94.2	96.7	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	64.8	86.3	94.8	97.2	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	64.8	86.3	95.0	97.4	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	64.8	86.3	95.0	97.6	98.6	98.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	64.8	86.3	95.3	97.9	99.0	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.8	86.3	95.3	97.9	99.0	99.3	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	49.6	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	47.2	59.9	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	47.2	59.9	65.4	66.1	66.2	66.2	66.2	66.2	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	47.2	59.9	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	47.3	60.2	65.8	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	48.9	62.0	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	50.6	64.6	70.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	51.0	65.4	71.6	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	55.6	71.2	77.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	56.2	72.6	78.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	57.0	73.3	79.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	57.7	74.2	81.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	58.4	75.6	82.3	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	61.7	79.2	86.0	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	63.3	81.1	88.2	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	65.1	83.6	91.0	93.2	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	65.3	84.0	91.7	94.3	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 2000	66.0	84.8	92.6	95.3	96.4	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1800	66.2	85.1	92.9	95.7	96.8	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1500	66.2	85.3	93.3	96.2	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	66.2	85.3	93.6	96.6	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	66.4	85.6	93.9	97.2	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 900	66.4	85.6	93.9	97.2	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 800	66.4	85.6	94.0	97.3	98.7	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	66.4	85.7	94.1	97.4	98.8	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	66.4	85.7	94.2	97.6	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	48.2	53.2	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	49.4	60.6	67.4	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	49.6	60.7	67.6	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	49.6	60.7	67.6	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	49.8	60.9	67.9	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	50.9	62.3	69.6	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	52.7	64.6	72.7	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	53.1	65.0	73.1	74.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	56.7	69.2	78.1	79.6	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	57.4	70.4	79.3	81.0	82.2	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	57.9	70.9	79.8	81.4	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	58.8	72.0	81.0	82.8	84.1	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	59.7	73.0	82.1	84.2	85.8	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	62.2	76.3	85.7	87.9	89.8	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	63.2	77.3	86.9	89.2	91.3	92.1	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	64.3	78.9	89.0	91.4	93.7	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	64.8	79.4	89.6	92.0	94.2	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	65.1	79.9	90.1	93.0	95.8	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	65.1	79.9	90.1	93.0	95.8	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	65.1	80.2	90.9	93.9	96.7	97.4	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	65.2	80.6	91.2	94.2	97.1	97.9	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	65.3	81.0	91.7	94.7	97.7	98.4	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	65.3	81.0	91.7	94.7	97.7	98.4	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	65.3	81.0	91.7	94.7	97.7	98.4	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	65.3	81.0	91.7	94.7	98.0	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.3	81.1	91.8	94.8	98.1	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.6	50.7	56.3	57.9	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	46.9	59.2	65.9	68.1	70.2	70.4	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	47.1	59.4	66.1	68.3	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	47.1	59.4	66.1	68.3	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	47.1	59.4	66.1	68.3	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	47.6	60.1	66.8	69.0	71.1	71.3	71.6	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9
GE 10000	50.1	63.7	70.7	73.4	75.6	75.8	76.1	76.2	76.3	76.3	76.4	76.4	76.6	76.6	76.6	76.6
GE 9000	50.3	64.1	71.3	74.2	76.3	76.6	76.9	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 8000	52.3	66.7	75.1	78.3	81.1	81.6	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4
GE 7000	53.0	67.7	76.6	80.1	82.9	83.3	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3
GE 6000	53.2	67.9	77.1	80.7	83.6	84.1	84.7	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1
GE 5000	53.9	68.9	78.2	81.8	84.9	85.4	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4
GE 4500	54.7	69.9	79.3	83.0	86.2	86.8	87.3	87.6	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9
GE 4000	56.3	72.2	82.8	87.0	91.2	91.8	92.6	92.8	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1
GE 3500	56.8	72.8	83.4	88.1	92.3	92.9	93.7	93.7	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 3000	57.3	73.4	84.2	89.0	93.6	94.2	95.2	95.4	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 2500	57.8	73.9	84.7	89.4	94.0	94.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 2000	58.3	74.4	85.3	90.1	94.7	95.3	96.3	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 1800	58.4	74.6	85.4	90.2	94.8	95.4	96.4	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	58.6	74.9	85.9	90.8	95.3	96.0	97.0	97.2	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
GE 1200	58.6	75.0	86.2	91.1	95.8	96.4	97.4	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 1000	58.7	75.2	86.4	91.4	96.4	97.1	98.1	98.3	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 900	58.7	75.2	86.4	91.4	96.9	97.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	58.7	75.3	86.6	91.6	97.1	97.3	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	58.7	75.3	86.6	91.6	97.3	98.0	99.0	99.2	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	58.7	75.3	86.6	91.6	97.3	98.1	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	58.7	75.3	86.6	91.6	97.3	98.1	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	58.7	75.3	86.6	91.6	97.3	98.1	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	58.7	75.3	86.6	91.6	97.3	98.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
GE 200	58.7	75.3	86.6	91.6	97.3	98.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
GE 100	58.7	75.3	86.6	91.6	97.4	98.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	58.7	75.3	86.6	91.6	97.4	98.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.3	47.3	52.3	54.4	56.3	56.7	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 20000	43.9	56.1	62.3	64.9	67.2	67.6	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	44.0	56.2	62.4	65.0	67.3	67.7	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	44.0	56.3	62.4	65.0	67.3	67.7	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6
GE 14000	44.1	56.4	62.6	65.2	67.6	67.9	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	45.1	57.7	63.9	66.5	68.9	69.3	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 10000	47.4	61.1	67.8	70.8	73.3	73.7	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 9000	47.8	61.5	68.3	71.4	73.9	74.3	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 8000	51.0	65.6	72.9	76.2	79.0	79.4	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 7000	51.5	66.6	73.9	77.4	80.2	80.7	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 6000	51.8	66.8	74.3	77.8	80.6	81.1	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 5000	52.4	67.7	75.3	78.9	81.8	82.3	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 4500	53.1	68.7	76.4	80.1	83.1	83.7	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 4000	55.2	71.4	79.5	83.4	86.7	87.3	88.2	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 3500	56.2	72.6	80.9	85.0	88.4	89.0	89.8	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
GE 3000	57.3	74.1	82.7	86.9	90.6	91.2	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8
GE 2500	57.7	74.6	83.3	87.6	91.3	91.9	92.9	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5
GE 2000	58.1	75.1	83.9	88.3	92.2	92.8	93.8	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1800	58.2	75.2	84.0	88.5	92.3	93.0	94.0	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1500	58.4	75.6	84.6	89.2	93.1	93.7	94.8	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 1200	58.6	76.0	85.1	89.7	93.8	94.4	95.5	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 1000	58.8	76.4	85.7	90.4	94.6	95.3	96.4	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	58.8	76.5	85.9	90.7	95.0	95.8	96.8	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 800	58.8	76.5	86.1	91.0	95.5	96.3	97.4	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	58.9	76.6	86.2	91.3	95.9	96.7	97.9	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 600	58.9	76.6	86.3	91.4	96.2	97.0	98.3	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	58.9	76.6	86.3	91.5	96.4	97.3	98.6	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	58.9	76.7	86.4	91.5	96.5	97.3	98.7	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 300	58.9	76.7	86.4	91.6	96.5	97.4	98.7	99.2	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9
GE 200	58.9	76.7	86.4	91.6	96.5	97.4	98.7	99.2	99.3	99.6	99.6	99.7	99.8	99.8	99.8	100.0
GE 100	58.9	76.7	86.4	91.6	96.5	97.4	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	58.9	76.7	86.4	91.6	96.5	97.4	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.5	44.1	49.7	55.6	58.9	59.1	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2
GE 20000	37.2	52.7	59.7	66.9	71.9	72.2	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
GE 18000	37.2	52.8	59.8	67.1	72.3	72.5	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
GE 16000	37.2	52.8	59.8	67.1	72.3	72.5	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
GE 14000	37.2	52.8	59.8	67.1	72.3	72.5	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7
GE 12000	38.2	53.8	60.8	68.1	73.4	73.7	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 10000	41.3	57.6	65.6	73.7	79.9	80.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3
GE 9000	41.6	58.3	66.2	74.4	80.6	80.9	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0
GE 8000	43.7	61.1	69.6	78.1	84.8	85.1	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2
GE 7000	44.2	61.7	70.2	78.7	85.5	85.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 6000	44.3	61.9	70.4	78.9	85.7	85.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
GE 5000	45.4	63.8	72.3	80.8	87.7	88.0	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1
GE 4500	45.8	64.3	73.0	81.5	88.6	88.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 4000	47.0	66.0	75.1	84.0	91.3	91.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7
GE 3500	47.4	66.5	75.5	84.4	91.7	91.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1
GE 3000	48.3	67.6	77.0	86.1	93.7	93.9	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1
GE 2500	48.3	68.0	77.4	86.7	94.2	94.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6
GE 2000	48.3	68.1	77.5	86.9	94.4	94.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8
GE 1800	48.4	68.2	77.6	87.0	94.5	94.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 1500	48.4	68.2	77.6	87.0	94.5	94.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 1200	48.6	68.6	78.1	87.5	95.1	95.3	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5
GE 1000	48.9	69.0	78.6	88.2	95.9	96.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3
GE 900	49.0	69.1	78.9	88.5	96.3	96.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.1
GE 800	49.0	69.1	79.1	88.8	96.8	97.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6
GE 700	49.1	69.2	79.8	89.6	97.6	97.8	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5
GE 600	49.1	69.2	79.8	89.6	97.6	97.8	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5
GE 500	49.1	69.2	79.8	89.7	97.7	98.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 400	49.1	69.2	79.8	89.7	97.7	98.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	49.1	69.2	79.8	89.7	97.7	98.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	49.1	69.2	79.8	89.7	97.7	98.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	49.1	69.2	79.8	89.7	97.7	98.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	49.1	69.2	79.8	89.7	97.7	98.1	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.4	37.1	45.4	52.5	58.2	59.4	61.0	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	28.1	41.7	50.9	58.6	65.8	67.5	69.4	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	28.1	41.7	50.9	58.6	65.8	67.5	69.4	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	28.1	41.7	50.9	58.6	65.8	67.5	69.4	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	28.3	41.9	51.1	58.8	66.0	67.7	69.6	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	28.6	42.7	51.8	59.8	67.0	68.7	70.5	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	31.4	47.2	56.8	65.2	72.9	74.8	77.0	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	31.5	47.4	57.2	65.6	73.5	75.6	77.7	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	33.8	50.5	60.5	69.1	77.6	79.8	82.0	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	33.9	51.1	61.2	70.1	78.8	81.0	83.2	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	33.9	51.3	61.4	70.3	79.0	81.2	83.4	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	34.5	52.3	62.4	71.5	80.4	82.6	84.8	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	35.2	53.0	63.3	72.7	81.8	84.0	86.2	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	36.0	53.9	64.3	74.0	83.8	85.9	88.4	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	36.5	54.8	65.5	75.3	85.1	87.3	89.8	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	36.9	55.5	66.3	76.3	86.3	88.6	91.1	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	37.1	55.8	66.8	76.9	87.0	89.2	91.7	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	37.8	56.6	67.5	77.6	87.7	90.1	92.6	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	37.8	56.6	67.5	77.6	87.7	90.1	92.6	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	38.5	57.3	68.4	78.5	88.8	91.3	93.8	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	38.6	57.6	68.7	78.8	89.1	91.7	94.2	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	38.7	58.3	69.5	80.0	90.8	93.3	95.9	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	38.7	58.3	69.5	80.1	91.0	93.5	96.1	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1
GE 800	38.7	58.4	69.7	80.3	91.2	93.9	96.5	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 700	38.8	58.5	69.8	80.4	91.3	94.0	96.6	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7
GE 600	38.8	58.5	69.8	80.6	91.5	94.2	96.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.3
GE 500	38.8	58.5	69.8	80.6	91.5	94.6	97.2	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8
GE 400	38.8	58.6	70.0	81.1	91.9	95.4	98.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 300	38.8	58.6	70.0	81.1	91.9	95.4	98.1	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.9
GE 200	38.8	58.6	70.0	81.1	91.9	95.4	98.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	38.8	58.6	70.0	81.1	91.9	95.4	98.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	38.8	58.6	70.0	81.1	91.9	95.4	98.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 30 - FEB 90
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.4	37.3	45.1	51.1	55.1	56.6	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	26.7	41.4	49.9	56.3	61.2	62.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	26.7	41.4	49.9	56.3	61.2	62.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 16000	26.7	41.4	49.9	56.3	61.2	62.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 14000	27.1	41.8	50.5	57.2	62.0	63.5	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	28.0	43.4	52.2	59.0	64.0	65.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	30.6	47.4	56.9	64.7	70.4	72.9	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	30.9	47.7	57.3	65.3	71.3	73.8	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	32.4	50.4	60.2	68.5	75.1	77.5	79.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	32.4	50.8	60.8	69.1	75.7	78.2	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	32.4	50.8	60.8	69.1	75.9	78.4	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	33.1	51.7	61.9	70.5	77.4	79.9	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	33.3	52.2	62.4	71.0	78.0	80.4	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	34.3	53.7	64.1	73.1	80.6	83.2	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	35.1	54.5	64.9	74.0	81.7	84.3	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	35.4	55.5	66.9	76.3	84.5	87.1	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	35.5	55.7	67.1	76.6	84.8	87.4	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	36.0	56.2	67.6	77.2	85.7	88.4	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	36.0	56.2	67.6	77.2	85.7	88.4	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	36.7	57.1	68.9	78.5	87.1	90.0	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	37.1	57.7	69.6	79.2	87.8	90.8	92.9	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	37.8	58.7	70.5	80.3	89.2	92.2	94.3	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	38.0	58.8	70.9	80.9	89.8	92.7	94.8	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	38.0	59.1	71.2	81.2	90.2	93.1	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	38.0	59.1	71.2	81.4	90.5	93.4	96.2	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	38.0	59.1	71.3	81.5	91.0	94.0	96.9	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	38.0	59.1	71.4	81.7	91.3	94.4	97.5	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	38.0	59.1	71.7	82.0	91.6	94.8	98.0	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	38.0	59.1	71.7	82.0	91.6	94.8	98.0	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	38.0	59.1	71.7	82.0	91.6	94.8	98.1	99.0	99.1	99.7	99.8	99.8	99.8	99.9	99.9	100.0
GE 100	38.0	59.1	71.7	82.0	91.6	94.8	98.1	99.0	99.1	99.7	99.8	99.8	99.8	99.9	99.9	100.0
GE 000	38.0	59.1	71.7	82.0	91.6	94.8	98.1	99.0	99.1	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.8	50.3	56.8	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	36.5	55.6	62.5	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	36.5	55.6	62.5	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	36.5	55.6	62.5	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	36.6	55.8	62.8	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	38.3	58.1	65.5	69.4	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	41.7	62.6	70.9	75.5	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 9000	42.0	62.9	71.2	75.9	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	45.3	67.2	75.6	80.6	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	45.5	67.4	75.8	80.9	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	45.6	67.7	76.1	81.2	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	46.0	68.6	77.0	82.2	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	46.5	69.4	77.7	83.0	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	47.1	70.3	79.2	84.6	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	48.0	71.7	80.9	86.7	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	49.2	73.4	82.9	88.9	90.5	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	49.9	74.5	84.0	90.0	91.7	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	50.5	75.4	84.8	91.2	93.0	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	50.6	75.5	84.9	91.3	93.1	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	51.2	76.5	86.1	92.9	94.8	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	51.7	77.6	87.3	94.2	96.3	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	51.8	77.7	87.6	94.8	97.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	51.8	77.8	87.8	95.1	97.5	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	51.8	78.1	88.1	95.4	97.8	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	51.8	78.2	88.2	95.6	98.4	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	51.8	78.2	88.2	95.6	98.4	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.8	78.3	88.3	95.7	98.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.7	49.2	53.8	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	41.6	56.9	62.3	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	41.6	56.9	62.3	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	41.6	56.9	62.3	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	41.8	57.3	62.7	65.8	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	42.8	58.8	64.4	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	46.0	63.7	69.5	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 9000	46.3	64.2	70.5	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	48.7	67.3	74.0	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	49.1	68.0	74.6	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	49.2	68.3	74.9	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	50.0	69.2	76.1	79.6	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	50.9	70.4	77.4	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	52.5	73.0	80.8	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	55.1	76.3	84.7	88.8	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	57.8	79.5	88.4	92.9	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	58.8	81.3	90.2	94.7	95.7	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	59.0	81.7	90.9	95.4	96.7	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	59.0	81.7	90.9	95.4	96.7	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	59.5	82.4	91.5	96.2	97.6	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	59.5	82.8	92.0	97.1	98.5	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	59.5	82.8	92.0	97.1	98.5	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	59.8	83.1	92.4	97.4	98.8	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	59.8	83.1	92.4	97.4	98.8	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	59.8	83.1	92.4	97.4	98.8	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	59.8	83.1	92.5	97.5	98.9	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.8	83.1	92.5	97.5	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	48.8	54.8	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	43.8	58.0	66.1	68.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	44.1	58.3	66.5	69.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	44.1	58.3	66.5	69.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	44.4	58.6	66.8	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	46.0	60.4	68.6	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	49.5	67.0	75.6	78.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	50.0	67.5	76.7	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	52.7	71.1	80.4	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	53.0	71.6	81.0	84.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	53.9	72.6	81.9	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	54.2	73.5	82.9	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	54.6	74.0	83.3	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	55.5	75.8	85.9	89.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	56.6	77.1	87.3	90.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	58.3	79.1	89.9	93.8	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	58.6	79.8	91.2	95.1	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	58.7	80.1	91.6	95.7	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	58.9	80.3	91.8	95.9	97.6	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	58.9	80.5	92.2	96.2	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	59.0	81.0	92.6	96.7	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	59.0	81.1	92.9	97.0	98.7	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	59.1	81.2	93.1	97.2	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	59.1	81.2	93.1	97.3	99.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	59.1	81.2	93.1	97.4	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.1	81.2	93.1	97.5	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.3	43.7	49.5	51.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	41.8	55.9	63.5	67.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	41.9	56.0	63.7	67.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	41.9	56.0	63.7	67.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	42.2	56.3	64.0	68.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	43.8	58.3	66.1	70.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	47.4	63.1	72.4	77.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	47.7	63.5	73.1	78.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	50.6	66.7	77.0	82.4	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	51.5	67.6	78.0	83.3	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	52.4	68.9	79.2	84.6	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	53.2	70.1	80.4	85.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	53.4	70.6	81.0	86.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	54.4	72.0	83.0	88.8	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	55.2	73.0	84.3	90.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	55.9	74.5	86.5	92.7	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
GE 2500	56.1	74.8	86.9	93.3	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 2000	56.3	75.1	87.1	93.5	96.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 1800	56.3	75.2	87.2	93.7	96.5	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
GE 1500	56.3	75.4	87.6	94.1	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1200	56.3	75.5	87.8	94.4	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 1000	56.3	75.5	88.0	94.7	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 900	56.5	75.6	88.2	94.9	98.0	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 800	56.5	75.6	88.2	95.1	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
GE 700	56.5	75.6	88.2	95.3	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 600	56.5	75.6	88.2	95.5	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 500	56.5	75.6	88.2	95.5	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	56.5	75.6	88.2	95.5	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	56.5	75.6	88.2	95.5	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	56.5	75.6	88.2	95.5	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	56.5	75.6	88.2	95.5	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	56.5	75.6	88.2	95.5	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.0	45.1	49.7	53.4	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	39.2	54.5	61.1	65.9	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	39.2	54.5	61.1	66.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	39.2	54.5	61.1	66.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	39.2	54.5	61.2	66.2	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	40.8	56.0	62.8	67.8	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	44.5	61.1	68.4	74.2	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	44.7	61.7	69.0	75.2	79.5	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	46.8	65.1	73.3	80.0	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 7000	47.1	65.5	73.8	80.4	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	47.8	66.3	74.6	81.3	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	48.5	67.5	76.2	83.1	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	49.0	68.2	77.1	84.0	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	50.1	70.0	79.5	86.5	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	50.4	70.4	80.1	87.3	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	51.1	71.5	81.4	88.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	51.2	71.6	81.9	89.4	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	51.2	71.7	82.4	89.8	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	51.2	71.7	82.4	89.8	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	51.3	72.0	82.7	90.2	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	51.6	72.4	83.1	90.8	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	51.6	72.4	83.2	91.1	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	51.6	72.4	83.5	91.6	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	51.6	72.4	84.1	92.2	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	51.6	72.4	84.1	92.3	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	51.6	72.4	84.1	92.3	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	51.6	72.4	84.1	92.5	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	51.6	72.4	84.1	92.5	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	51.6	72.4	84.1	92.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.6	72.4	84.1	92.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.6	72.4	84.1	92.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.6	72.4	84.1	92.5	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	44.4	50.6	54.5	56.8	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9
GE 20000	36.9	52.1	59.5	64.5	67.5	68.0	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 18000	36.9	52.2	59.6	64.6	67.6	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	36.9	52.2	59.6	64.6	67.6	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	37.1	52.4	59.9	64.9	68.0	68.5	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	38.3	53.9	61.5	66.7	69.8	70.3	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	41.6	58.7	67.0	72.8	76.3	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
GE 9000	41.9	59.2	67.7	73.5	77.1	77.8	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	44.2	62.4	71.3	77.5	81.4	82.1	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	44.6	63.0	71.9	78.1	82.0	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 6000	44.9	63.5	72.4	78.6	82.6	83.3	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	45.6	64.6	73.7	79.9	84.1	84.8	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	46.1	65.3	74.4	80.8	84.9	85.7	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	47.1	66.8	76.5	83.1	87.5	88.3	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	48.0	68.1	77.9	84.7	89.2	90.0	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	49.1	69.6	79.9	87.0	91.8	92.6	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
GE 2500	49.4	70.2	80.7	87.8	92.7	93.5	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	49.7	70.6	81.2	88.4	93.4	94.3	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 1800	49.8	70.7	81.3	88.5	93.5	94.4	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 1500	50.1	71.2	81.9	89.2	94.3	95.2	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	50.3	71.7	82.4	89.8	95.0	95.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	50.5	71.9	82.8	90.4	95.7	96.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	50.6	72.0	83.0	90.7	96.1	97.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	50.6	72.1	83.2	91.0	96.3	97.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	50.6	72.2	83.3	91.2	96.6	97.6	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	50.6	72.2	83.4	91.3	96.8	97.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	50.5	72.2	83.4	91.3	96.9	98.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	50.6	72.2	83.5	91.4	97.0	98.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	50.6	72.2	83.5	91.4	97.0	98.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	50.6	72.2	83.5	91.4	97.0	98.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	50.6	72.2	83.5	91.4	97.0	98.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	50.6	72.2	83.5	91.4	97.0	98.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.8	43.8	50.6	54.8	59.4	60.2	61.6	61.9	61.9	62.0	62.0	62.2	62.2	62.2	62.2	62.2
GE 20000	37.2	47.7	55.9	60.8	66.2	67.1	68.5	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0
GE 18000	37.2	48.1	56.2	61.1	66.6	67.4	68.8	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4
GE 16000	37.2	48.1	56.2	61.1	66.6	67.4	68.8	69.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4
GE 14000	37.3	48.3	56.5	61.3	66.8	67.6	69.0	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6
GE 12000	37.8	48.8	57.1	61.9	67.4	68.3	69.7	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2
GE 10000	41.2	54.6	65.1	70.8	76.6	77.4	79.2	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8
GE 9000	41.4	55.3	65.8	71.7	77.5	78.4	80.2	80.5	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8
GE 8000	43.5	58.4	69.4	75.3	81.2	82.2	84.1	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9
GE 7000	43.7	58.7	69.9	75.8	81.9	83.0	85.2	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0
GE 6000	44.1	59.1	70.6	76.6	82.7	83.8	85.9	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8
GE 5000	44.5	60.0	72.4	78.6	84.8	85.9	88.1	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9
GE 4500	44.6	60.1	72.6	78.8	85.1	86.2	88.4	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2
GE 4000	45.5	61.3	73.9	80.3	87.0	88.2	90.3	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 3500	45.8	62.2	75.1	81.6	88.4	89.8	92.2	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0
GE 3000	46.2	63.0	76.2	83.1	90.0	91.4	93.8	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 2500	46.5	63.9	77.2	84.1	91.1	92.5	94.8	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8
GE 2000	46.7	64.2	77.5	84.4	91.5	92.9	95.3	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 1800	46.7	64.2	77.5	84.6	91.7	93.1	95.5	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5
GE 1500	46.9	64.6	78.0	85.1	92.6	94.0	96.3	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 1200	46.9	64.8	78.4	85.5	93.1	94.5	96.9	97.3	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0
GE 1000	46.9	64.9	78.6	85.8	93.5	94.9	97.3	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4
GE 900	46.9	64.9	78.6	85.9	93.7	95.1	97.4	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5
GE 800	47.0	65.1	79.0	86.3	94.2	95.6	98.0	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0
GE 700	47.0	65.1	79.4	86.8	94.7	96.1	98.5	98.9	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 600	47.0	65.2	79.5	87.1	95.1	96.5	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 500	47.0	65.2	79.5	87.1	95.1	96.5	98.8	99.2	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 400	47.0	65.2	79.5	87.1	95.1	96.6	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	47.0	65.2	79.5	87.1	95.1	96.6	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	47.0	65.2	79.5	87.1	95.1	96.6	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	47.0	65.2	79.5	87.1	95.1	96.6	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	47.0	65.2	79.5	87.1	95.1	96.6	98.9	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.3	35.9	43.8	48.6	53.7	54.6	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.7
GE 20000	29.8	40.3	49.1	54.7	60.4	61.6	65.3	66.2	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.8
GE 18000	29.9	40.6	49.5	55.1	60.8	61.9	65.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.1
GE 16000	29.9	40.6	49.5	55.1	60.8	61.9	65.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.1
GE 14000	30.0	40.8	49.6	55.2	60.9	62.0	65.7	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.4
GE 12000	30.3	41.2	50.2	55.8	61.5	62.7	66.3	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.8	68.1
GE 10000	32.6	45.4	55.8	61.8	68.3	69.6	73.7	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.8
GE 9000	32.6	45.4	56.0	62.2	68.6	69.9	74.0	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	76.1
GE 8000	34.4	48.0	59.7	66.0	72.6	73.9	78.1	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.4
GE 7000	34.6	48.4	60.1	66.6	73.1	74.5	78.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.3
GE 6000	35.3	49.2	61.0	67.4	74.3	75.7	80.0	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.5
GE 5000	36.1	50.2	62.7	69.1	76.1	77.8	82.3	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.8
GE 4500	36.2	50.3	62.9	69.4	76.3	78.1	82.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	85.1
GE 4000	36.6	51.3	64.1	70.9	78.4	80.4	84.9	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.5
GE 3500	36.9	51.8	64.6	71.6	79.4	81.4	85.9	88.0	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.5
GE 3000	37.6	53.2	66.3	73.3	81.3	83.3	88.0	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.5
GE 2500	37.7	53.7	67.0	74.1	82.2	84.2	88.8	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.4
GE 2000	38.2	54.2	67.5	74.6	82.7	84.7	89.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.9
GE 1800	38.2	54.5	68.0	75.1	83.1	85.2	89.8	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.4
GE 1500	38.5	54.9	68.4	75.5	83.9	85.9	90.5	92.6	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.2
GE 1200	38.6	55.5	68.9	76.0	84.7	86.9	91.6	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.4
GE 1000	38.6	55.6	69.7	77.1	86.1	88.4	93.1	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.9
GE 900	38.6	55.9	70.0	77.5	86.7	88.9	93.8	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.6
GE 800	38.7	56.1	70.2	77.8	87.3	89.6	94.4	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.2
GE 700	38.7	56.2	70.9	78.7	88.2	90.4	95.6	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.4
GE 600	38.7	56.5	71.1	78.9	88.5	90.8	96.0	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.8
GE 500	38.7	56.6	71.2	79.0	88.8	91.2	96.6	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.4
GE 400	38.7	56.6	71.2	79.0	88.8	91.4	96.9	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.7
GE 300	38.7	56.6	71.2	79.0	88.8	91.4	96.9	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.9
GE 200	38.7	56.6	71.2	79.0	88.8	91.4	96.9	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.7	99.9
GE 100	38.7	56.6	71.2	79.0	88.8	91.4	96.9	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0
GE 000	38.7	56.6	71.2	79.0	88.8	91.4	96.9	99.0	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.3	35.6	41.9	46.2	51.2	52.2	53.3	54.0	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 20000	27.1	40.2	47.0	51.6	57.2	58.2	60.0	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3
GE 18000	27.2	40.3	47.1	51.7	57.3	58.3	60.2	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5
GE 16000	27.2	40.3	47.1	51.7	57.3	58.3	60.2	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5
GE 14000	27.6	40.8	47.5	52.3	57.8	58.8	60.8	61.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0
GE 12000	27.8	41.5	48.6	53.4	59.0	60.1	62.0	62.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3
GE 10000	32.2	47.5	55.6	61.2	67.3	68.6	71.2	72.4	72.5	73.0	73.0	73.1	73.1	73.1	73.1	73.1
GE 9000	32.6	48.1	56.5	62.3	68.8	70.2	72.8	74.1	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 8000	34.5	50.5	59.5	65.4	72.6	74.0	76.7	78.0	78.2	78.8	78.9	79.0	79.0	79.0	79.0	79.0
GE 7000	34.7	50.9	59.8	65.8	73.0	74.4	77.1	78.4	78.5	79.2	79.4	79.5	79.5	79.5	79.5	79.5
GE 6000	35.8	52.2	61.1	67.1	74.5	75.9	78.6	79.9	80.1	80.8	80.9	81.0	81.0	81.0	81.0	81.0
GE 5000	36.2	52.6	61.6	67.6	75.1	76.5	79.1	80.5	80.8	81.4	81.5	81.6	81.6	81.6	81.6	81.6
GE 4500	36.2	52.6	61.7	67.8	75.3	76.7	79.4	80.8	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8
GE 4000	36.6	53.2	63.2	69.6	77.7	79.1	81.9	83.3	83.5	84.2	84.3	84.4	84.5	84.5	84.5	84.5
GE 3500	37.0	54.2	64.3	70.9	79.1	80.5	83.3	84.7	84.9	85.6	85.7	85.8	85.9	85.9	85.9	85.9
GE 3000	37.2	54.8	65.7	72.3	80.5	82.3	85.3	86.7	86.9	87.5	87.6	87.7	87.8	87.8	87.8	87.8
GE 2500	37.4	55.3	66.1	72.7	81.1	82.8	85.8	87.2	87.4	88.1	88.2	88.3	88.4	88.4	88.4	88.4
GE 2000	37.5	55.6	66.7	73.5	82.3	84.0	87.1	88.5	88.7	89.4	89.5	89.6	89.7	89.7	89.7	89.7
GE 1800	37.5	55.7	66.8	73.7	82.4	84.1	87.2	88.6	88.8	89.5	89.5	89.7	89.8	89.8	89.8	89.8
GE 1500	37.7	56.0	67.1	74.1	83.1	84.9	88.1	89.6	89.8	90.4	90.5	90.6	90.8	90.8	90.8	90.8
GE 1200	37.8	56.2	67.3	74.5	83.9	85.7	89.2	90.8	91.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9
GE 1000	38.5	57.3	69.1	76.8	86.2	88.1	91.8	93.3	93.5	94.2	94.3	94.4	94.5	94.5	94.5	94.5
GE 900	38.5	57.4	69.5	77.2	87.0	88.8	92.7	94.4	94.6	95.3	95.4	95.5	95.6	95.6	95.6	95.6
GE 800	38.8	58.1	70.2	78.1	88.0	89.8	93.7	95.4	95.6	96.2	96.5	96.6	96.7	96.7	96.7	96.7
GE 700	38.8	58.2	70.3	78.2	88.2	90.4	94.3	96.0	96.2	96.9	97.1	97.2	97.3	97.3	97.3	97.3
GE 600	38.8	58.2	70.3	78.5	88.7	91.0	94.8	96.6	96.8	97.4	97.6	97.7	97.8	98.0	98.0	98.0
GE 500	38.8	58.2	70.3	78.5	88.8	91.1	94.9	96.8	97.0	97.7	98.0	98.1	98.2	98.3	98.3	98.3
GE 400	38.9	58.4	70.5	78.7	89.0	91.3	95.6	97.4	97.6	98.6	99.0	99.1	99.2	99.4	99.4	99.4
GE 300	38.9	58.4	70.5	78.7	89.0	91.3	95.6	97.4	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.6
GE 200	38.9	58.4	70.5	78.7	89.0	91.4	95.7	97.5	97.7	98.7	99.2	99.5	99.8	100.0	100.0	100.0
GE 100	38.9	58.4	70.5	78.7	89.0	91.4	95.7	97.5	97.7	98.7	99.2	99.5	99.8	100.0	100.0	100.0
GE 000	38.9	58.4	70.5	78.7	89.0	91.4	95.7	97.5	97.7	98.7	99.2	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	48.4	54.3	56.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	40.4	54.5	61.2	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	41.0	55.2	61.8	64.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	41.0	55.2	61.8	64.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	41.0	55.2	61.9	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	41.5	55.9	63.0	65.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	45.4	60.9	68.3	71.4	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	45.9	61.6	69.1	72.6	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	49.0	65.7	73.1	77.1	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	50.1	67.1	74.8	78.6	80.1	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	50.1	67.1	74.8	78.6	80.1	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	51.5	68.8	76.9	80.8	82.3	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	51.9	69.4	77.4	81.3	82.8	83.2	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	52.5	69.9	78.8	83.0	84.9	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	53.7	71.1	80.2	84.5	86.6	87.1	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	54.5	72.6	82.3	86.7	88.8	89.4	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	54.9	73.1	82.9	87.6	89.8	90.3	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	55.4	74.1	84.1	88.8	91.0	91.6	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	55.6	74.3	84.3	89.0	91.3	91.9	92.6	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	56.2	75.2	85.3	90.0	92.3	92.9	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	56.9	76.3	86.5	91.5	93.9	94.5	95.3	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	57.2	77.1	87.7	92.9	95.5	96.1	96.9	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	57.3	77.3	88.2	93.3	95.9	96.6	97.3	97.5	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	57.3	77.4	88.3	93.7	96.2	96.9	98.0	98.2	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	57.3	77.4	88.3	93.7	96.2	97.2	98.6	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	57.3	77.4	88.3	93.7	96.2	97.2	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	57.3	77.5	88.4	93.8	96.5	97.4	98.8	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.9	46.7	50.9	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	42.6	54.9	60.6	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	42.7	55.2	60.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	42.7	55.2	60.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	42.8	55.3	61.0	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	43.2	55.8	61.9	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	46.7	60.3	67.3	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	47.2	61.1	68.1	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	52.0	67.1	74.7	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	52.6	67.8	75.8	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	53.2	68.5	76.5	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	53.8	69.2	77.5	80.5	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	54.1	69.6	77.8	80.9	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	56.0	72.6	81.6	84.7	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	58.5	76.1	85.5	88.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	60.6	79.2	89.0	92.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	61.1	80.2	90.4	94.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	61.8	81.4	91.9	95.6	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	61.9	81.5	92.0	95.7	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	62.0	81.7	92.3	95.9	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	62.4	82.2	93.0	96.7	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	62.4	82.2	93.0	96.8	98.5	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	62.4	82.2	93.1	97.0	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	62.4	82.2	93.2	97.1	99.0	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	62.4	82.2	93.2	97.2	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	62.4	82.2	93.2	97.2	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.4	82.2	93.2	97.2	99.1	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.6	45.8	50.6	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	43.3	57.6	63.4	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	43.3	57.6	63.4	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	43.3	57.6	63.4	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	43.3	57.6	63.4	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	44.2	58.6	64.6	66.7	57.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	48.5	63.8	70.6	73.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	48.9	64.6	71.6	74.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	54.3	70.1	78.1	80.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	54.8	70.9	79.0	81.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 6000	55.6	71.7	79.9	82.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	56.6	73.3	81.8	84.8	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4500	57.2	74.0	82.6	85.9	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	57.5	75.2	84.3	88.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	58.6	77.0	86.1	89.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	60.1	79.1	88.7	92.6	94.7	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 2500	60.4	79.7	89.7	93.7	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 2000	61.0	80.2	90.4	94.4	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 1800	61.0	80.3	90.5	94.5	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 1500	61.3	80.8	91.0	95.1	97.2	97.3	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 1200	61.4	81.1	91.3	95.5	97.7	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 1000	61.6	81.4	91.7	95.9	98.2	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 900	61.7	81.5	91.8	96.0	98.4	98.7	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 800	61.7	81.5	91.8	96.0	98.6	98.9	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 700	61.7	81.5	91.8	96.0	98.6	98.9	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 600	61.7	81.5	91.8	96.0	98.6	98.9	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 500	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	61.7	81.5	91.8	96.1	98.7	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.1	47.1	51.7	53.4	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	44.3	55.9	63.2	65.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	44.5	56.1	63.4	66.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	44.5	56.1	63.4	66.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	44.7	56.3	63.7	66.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	45.8	57.8	65.4	68.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	49.4	62.9	71.1	74.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	49.9	63.7	72.2	75.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	54.0	68.5	77.6	80.8	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	54.3	68.8	78.1	81.2	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	54.9	69.5	79.1	82.3	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	56.2	72.0	81.7	84.8	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	57.2	72.6	82.9	86.2	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	58.4	74.1	84.9	88.3	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	58.9	74.8	85.9	89.5	93.2	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	59.4	75.6	87.1	91.0	94.9	95.2	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	59.4	75.8	87.3	91.3	95.5	95.7	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	59.8	76.3	88.1	92.0	96.2	96.5	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	59.9	76.6	88.3	92.3	96.5	96.7	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	60.0	76.9	88.7	92.9	97.2	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	60.1	77.0	88.8	93.0	97.3	97.5	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	60.4	77.4	89.5	93.8	98.2	98.4	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 900	60.4	77.5	89.6	93.9	98.5	98.7	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5
GE 800	60.4	77.5	89.6	94.1	98.8	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 700	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	60.4	77.5	89.6	94.1	98.9	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	46.3	52.8	55.9	58.3	58.9	59.5	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8
GE 20000	41.1	50.3	57.8	61.9	64.9	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5
GE 18000	41.1	50.3	57.8	61.9	64.9	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5
GE 16000	41.1	50.3	57.8	61.9	64.9	65.6	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5
GE 14000	41.2	50.4	57.9	62.0	65.0	65.7	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6
GE 12000	42.6	52.2	59.6	63.8	66.9	67.7	68.2	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5
GE 10000	46.8	58.2	67.6	72.1	75.8	76.5	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
GE 9000	46.9	58.6	68.2	72.8	76.5	77.4	77.9	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
GE 8000	50.2	62.7	73.3	77.9	81.6	82.5	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5
GE 7000	50.8	63.7	74.5	79.1	83.1	84.1	84.7	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1
GE 6000	51.3	64.3	75.5	80.2	84.2	85.1	85.8	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
GE 5000	52.3	65.5	76.8	81.6	85.6	86.5	87.2	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6
GE 4500	52.5	65.9	77.6	82.3	86.3	87.3	87.9	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
GE 4000	53.9	68.1	80.7	85.7	89.9	90.8	91.6	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 3500	54.6	69.2	81.9	87.2	91.6	92.6	93.4	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
GE 3000	55.2	69.9	82.9	88.3	92.7	93.6	94.8	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 2500	55.4	70.5	83.7	89.2	93.8	94.7	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
GE 2000	55.6	70.8	84.2	89.8	94.3	95.3	96.4	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 1800	55.6	70.9	84.3	89.9	94.4	95.4	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
GE 1500	55.9	71.3	84.9	90.7	95.3	96.2	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 1200	56.3	71.7	85.3	91.2	95.7	96.7	97.8	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 1000	56.3	71.8	85.7	91.6	96.1	97.1	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 900	56.3	71.8	85.7	91.6	96.3	97.3	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 800	56.3	71.8	85.8	91.7	96.4	97.4	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 700	56.3	71.8	86.4	92.3	97.2	98.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 600	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	56.3	71.9	86.6	92.6	97.4	98.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	43.7	49.6	52.5	55.0	55.4	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
GE 20000	38.2	50.2	57.3	60.9	63.9	64.4	65.4	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
GE 18000	38.4	50.4	57.5	61.1	64.2	64.7	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 16000	38.4	50.4	57.5	61.1	64.2	64.7	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 14000	38.5	50.6	57.7	61.3	64.3	64.8	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 12000	39.2	51.5	58.8	62.4	65.5	66.0	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 10000	42.8	56.7	65.2	69.3	72.7	73.3	74.5	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
GE 9000	43.2	57.3	65.9	70.2	73.7	74.3	75.5	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1
GE 8000	46.5	61.4	70.7	75.1	78.7	79.4	80.6	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
GE 7000	46.9	62.0	71.5	75.9	79.7	80.4	81.7	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5
GE 6000	47.5	62.7	72.3	76.8	80.6	81.3	82.6	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
GE 5000	48.5	64.0	73.9	78.5	82.4	83.1	84.5	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3
GE 4500	48.7	64.3	74.4	79.1	83.0	83.8	85.1	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 4000	49.6	65.7	76.4	81.3	85.7	86.4	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 3500	50.5	67.0	78.0	83.0	87.5	88.3	89.8	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
GE 3000	51.4	68.4	79.8	85.0	89.6	90.5	92.0	92.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 2500	51.6	69.0	80.5	85.8	90.6	91.4	93.0	93.5	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 2000	52.0	69.6	81.3	86.6	91.4	92.3	93.9	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9
GE 1800	52.0	69.7	81.5	86.8	91.6	92.5	94.1	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1
GE 1500	52.3	70.2	81.9	87.4	92.4	93.3	94.9	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9
GE 1200	52.5	70.6	82.4	88.0	93.1	94.0	95.7	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 1000	52.7	71.0	83.1	88.8	94.0	95.0	96.7	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 900	52.8	71.1	83.3	89.1	94.4	95.4	97.1	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.3
GE 800	52.8	71.2	83.5	89.4	94.8	95.8	97.6	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8
GE 700	52.8	71.2	83.7	89.6	95.1	96.2	98.1	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.3
GE 600	52.8	71.3	83.8	89.8	95.3	96.4	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 500	52.8	71.3	83.8	89.8	95.4	96.5	98.4	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7
GE 400	52.8	71.3	83.9	89.8	95.4	96.6	98.6	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9
GE 300	52.8	71.3	83.9	89.8	95.4	96.6	98.6	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	52.8	71.3	83.9	89.8	95.4	96.6	98.6	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	52.8	71.3	83.9	89.8	95.4	96.6	98.6	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	52.8	71.3	83.9	89.8	95.4	96.6	98.6	99.3	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	46.4	50.9	54.9	57.3	58.2	59.1	59.1	59.1	59.3	59.6	59.6	59.7	59.7	59.7	59.7
GE 20000	45.0	52.2	57.2	61.7	64.6	65.7	66.6	66.6	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1
GE 18000	45.0	52.2	57.2	61.7	64.6	65.7	66.6	66.6	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1
GE 16000	45.0	52.2	57.2	61.7	64.6	65.7	66.6	66.6	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1
GE 14000	45.0	52.2	57.2	61.7	64.6	65.7	66.6	66.6	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1
GE 12000	45.9	53.3	58.3	62.8	65.7	66.8	67.7	67.7	67.7	67.9	68.1	68.1	68.2	68.2	68.2	68.2
GE 10000	47.9	56.0	61.6	66.2	69.7	70.8	71.8	71.8	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.3
GE 9000	48.6	56.7	62.2	67.2	70.7	71.8	72.8	72.8	72.8	73.0	73.2	73.2	73.3	73.3	73.3	73.3
GE 8000	52.6	61.6	67.7	72.9	76.6	78.0	79.3	79.3	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.0
GE 7000	53.0	62.1	68.3	73.6	77.2	78.7	80.0	80.0	80.1	80.3	80.6	80.6	80.7	80.7	80.7	80.7
GE 6000	53.4	63.0	69.2	74.4	78.1	79.7	81.0	81.0	81.1	81.3	81.6	81.6	81.7	81.7	81.7	81.7
GE 5000	54.0	63.7	69.9	75.1	78.8	80.3	81.7	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3
GE 4500	55.0	65.1	71.3	76.6	80.3	81.9	83.2	83.2	83.3	83.6	83.8	83.8	83.9	83.9	83.9	83.9
GE 4000	55.7	66.1	72.6	77.8	81.6	83.1	84.4	84.4	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1
GE 3500	57.0	67.7	74.1	79.3	83.1	84.7	86.0	86.0	86.1	86.3	86.6	86.6	86.7	86.7	86.7	86.7
GE 3000	57.6	68.4	75.0	80.4	84.4	86.0	87.4	87.4	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1
GE 2500	58.1	69.0	75.6	81.0	85.2	86.9	88.3	88.3	88.4	88.7	88.9	88.9	89.0	89.0	89.0	89.0
GE 2000	58.9	70.3	77.0	82.7	86.9	88.7	90.1	90.1	90.2	90.4	90.7	90.7	90.8	90.8	90.8	90.8
GE 1800	59.2	70.7	77.4	83.1	87.3	89.1	90.6	90.6	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.2
GE 1500	60.0	72.1	79.1	85.1	89.3	91.1	92.6	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2
GE 1200	60.1	72.4	79.8	86.0	90.2	92.1	93.6	93.6	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 1000	60.1	72.6	80.1	86.8	91.1	93.3	94.8	94.8	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 900	60.1	72.8	80.3	87.1	91.6	93.8	95.2	95.2	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9
GE 800	60.1	72.9	80.4	87.2	91.9	94.1	95.6	95.6	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 700	60.1	73.0	80.6	87.8	92.9	95.2	96.7	96.7	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 600	60.1	73.1	80.8	88.3	93.4	96.0	97.6	97.6	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2
GE 500	60.1	73.2	81.1	88.9	94.0	96.6	98.1	98.1	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	60.1	73.2	81.1	89.0	94.6	97.1	98.7	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	60.1	73.2	81.1	89.0	94.6	97.1	98.7	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	60.1	73.2	81.1	89.0	94.6	97.1	98.7	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7
GE 100	60.1	73.2	81.1	89.0	94.6	97.1	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	60.1	73.2	81.1	89.0	94.6	97.1	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 ~ FEB 90
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.4	42.2	46.9	51.6	54.8	56.1	57.4	58.0	58.1	58.2	58.4	58.4	58.6	58.6	58.7	58.7
GE 20000	36.6	45.4	50.6	55.3	58.8	60.1	61.8	62.3	62.4	62.6	62.8	62.8	62.9	62.9	63.0	63.0
GE 18000	36.6	45.4	50.6	55.3	58.8	60.1	61.8	62.3	62.4	62.6	62.8	62.8	62.9	62.9	63.0	63.0
GE 16000	36.6	45.4	50.6	55.3	58.8	60.1	61.8	62.3	62.4	62.6	62.8	62.8	62.9	62.9	63.0	63.0
GE 14000	36.8	45.7	50.8	55.6	59.0	60.3	62.0	62.6	62.7	62.8	63.0	63.0	63.1	63.1	63.2	63.2
GE 12000	37.2	46.6	51.8	56.6	60.0	61.3	63.0	63.6	63.7	63.8	64.0	64.0	64.1	64.1	64.2	64.2
GE 10000	39.1	48.8	54.2	59.1	62.6	63.9	65.9	66.4	66.6	66.7	66.9	66.9	67.0	67.0	67.1	67.1
GE 9000	40.1	49.8	55.2	60.1	63.6	64.9	66.9	67.4	67.6	67.7	67.9	67.9	68.0	68.0	68.1	68.1
GE 8000	42.6	53.2	59.1	64.4	68.6	70.2	72.2	72.8	73.0	73.1	73.3	73.3	73.4	73.4	73.6	73.7
GE 7000	42.7	53.3	59.2	64.6	68.7	70.3	72.3	72.9	73.1	73.2	73.4	73.4	73.6	73.6	73.7	73.8
GE 6000	43.0	53.7	59.6	65.1	69.2	70.9	72.9	73.4	73.7	73.8	74.0	74.0	74.1	74.1	74.2	74.3
GE 5000	44.1	54.8	60.9	66.6	70.7	72.3	74.3	74.9	75.1	75.2	75.4	75.4	75.6	75.6	75.7	75.8
GE 4500	44.3	55.6	61.8	67.9	72.0	73.7	75.7	76.2	76.4	76.6	76.8	76.8	76.9	76.9	77.0	77.1
GE 4000	44.6	56.7	62.9	69.0	73.3	75.0	77.0	77.6	77.8	77.9	78.1	78.1	78.2	78.2	78.3	78.4
GE 3500	45.2	57.8	64.0	70.1	74.6	76.2	78.2	78.9	79.1	79.2	79.4	79.4	79.6	79.6	79.7	79.8
GE 3000	46.7	59.9	66.4	72.7	77.3	79.1	81.1	81.8	82.0	82.1	82.3	82.3	82.4	82.4	82.6	82.7
GE 2500	46.9	60.2	66.9	73.1	77.8	79.6	81.6	82.2	82.4	82.6	82.8	82.8	82.9	82.9	83.0	83.1
GE 2000	47.4	61.4	68.2	74.4	79.1	81.0	83.0	83.7	83.9	84.0	84.2	84.2	84.3	84.3	84.4	84.6
GE 1800	48.1	62.2	69.0	75.2	79.9	81.9	83.9	84.6	84.8	84.9	85.1	85.1	85.2	85.2	85.3	85.4
GE 1500	48.6	63.6	71.0	77.2	81.9	84.4	86.4	87.1	87.3	87.4	87.7	87.7	87.8	87.8	87.9	88.0
GE 1200	49.2	64.8	72.4	79.2	84.1	86.9	88.9	89.6	90.0	90.1	90.3	90.3	90.4	90.4	90.6	90.7
GE 1000	49.8	65.8	73.9	80.9	86.2	89.2	91.3	92.1	92.6	92.7	92.9	92.9	93.0	93.0	93.1	93.2
GE 900	50.0	66.2	74.7	81.7	87.0	90.0	92.3	93.2	93.7	93.8	94.0	94.0	94.1	94.1	94.2	94.3
GE 800	50.2	66.6	75.1	82.1	87.8	90.8	93.1	94.1	94.6	94.7	94.9	94.9	95.0	95.0	95.1	95.2
GE 700	50.3	66.8	75.3	82.3	88.1	91.1	93.4	94.6	95.0	95.1	95.3	95.3	95.4	95.4	95.6	95.7
GE 600	50.3	66.8	75.3	82.4	88.2	91.7	94.0	95.1	95.6	95.7	95.9	95.9	96.0	96.0	96.1	96.2
GE 500	50.3	66.8	75.3	82.8	88.9	92.4	95.1	96.3	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.4
GE 400	50.3	66.8	75.3	82.9	89.1	92.7	95.4	96.7	97.2	97.3	97.6	97.6	97.7	97.7	97.9	98.2
GE 300	50.3	66.8	75.4	83.0	89.2	92.8	95.7	96.9	97.4	97.6	98.0	98.0	98.1	98.1	98.3	98.7
GE 200	50.3	66.8	75.4	83.0	89.2	92.8	95.7	96.9	97.4	97.6	98.0	98.0	98.1	98.1	98.3	99.2
GE 100	50.3	66.8	75.4	83.0	89.2	92.8	95.7	97.0	97.6	97.7	98.2	98.2	98.3	98.3	98.8	99.7
GE 000	50.3	66.8	75.4	83.0	89.2	92.8	95.7	97.0	97.6	97.7	98.2	98.2	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.7	36.9	41.9	46.7	50.9	53.1	54.4	54.8	55.0	55.2	55.3	55.6	55.9	55.9	55.9	55.9
GE 20000	30.0	39.2	44.7	49.8	54.3	56.6	58.1	58.4	58.7	58.9	59.0	59.2	59.7	59.7	59.7	59.7
GE 18000	30.0	39.2	44.7	49.8	54.3	56.6	58.1	58.4	58.7	58.9	59.0	59.2	59.7	59.7	59.7	59.7
GE 16000	30.0	39.2	44.7	49.8	54.3	56.6	58.1	58.4	58.7	58.9	59.0	59.2	59.7	59.7	59.7	59.7
GE 14000	30.1	39.4	44.9	50.1	54.7	56.9	58.4	58.8	59.0	59.2	59.3	59.6	60.0	60.0	60.0	60.0
GE 12000	31.0	40.8	46.4	51.7	56.2	58.4	60.0	60.3	60.6	60.8	60.9	61.1	61.6	61.6	61.6	61.6
GE 10000	32.3	42.3	48.8	54.2	59.0	61.4	63.0	63.3	63.6	63.8	63.9	64.1	64.6	64.6	64.6	64.6
GE 9000	32.4	42.6	49.0	54.4	59.2	61.7	63.2	63.6	63.9	64.1	64.2	64.4	64.9	64.9	64.9	64.9
GE 8000	34.8	46.1	53.0	58.6	64.2	66.7	68.4	68.9	69.3	69.7	69.8	70.0	70.4	70.4	70.4	70.4
GE 7000	35.0	46.3	53.2	58.8	64.4	66.9	68.7	69.1	69.6	69.9	70.0	70.2	70.7	70.7	70.7	70.8
GE 6000	35.3	46.9	53.8	59.3	65.0	67.4	69.2	69.7	70.1	70.4	70.6	70.8	71.2	71.2	71.2	71.3
GE 5000	36.0	47.7	54.7	60.4	66.2	68.7	70.4	70.9	71.3	71.7	71.8	72.0	72.4	72.4	72.4	72.6
GE 4500	36.9	48.8	56.1	62.2	68.2	70.7	72.4	72.9	73.3	73.7	73.8	74.0	74.4	74.4	74.4	74.6
GE 4000	38.2	50.9	58.3	64.6	70.7	73.1	75.1	75.6	76.0	76.3	76.4	76.7	77.1	77.1	77.1	77.2
GE 3500	39.3	52.1	59.7	66.0	72.1	74.7	76.7	77.1	77.6	77.9	78.0	78.2	78.7	78.7	78.7	78.8
GE 3000	40.2	53.7	61.2	67.9	74.1	76.7	78.7	79.1	79.6	79.9	80.0	80.2	80.7	80.7	80.7	80.8
GE 2500	40.8	54.7	62.2	69.0	75.2	77.9	79.9	80.3	80.8	81.1	81.2	81.4	81.9	81.9	81.9	82.0
GE 2000	40.9	54.8	62.4	69.3	75.6	78.4	80.7	81.1	81.6	81.9	82.0	82.2	82.7	82.7	82.7	82.8
GE 1800	40.9	54.9	62.6	69.4	75.7	78.6	80.8	81.2	81.7	82.0	82.1	82.3	82.8	82.8	82.8	82.9
GE 1500	41.3	56.6	64.8	72.2	78.7	81.7	83.9	84.3	84.8	85.1	85.2	85.4	85.9	85.9	85.9	86.0
GE 1200	42.1	57.6	66.3	73.9	80.4	83.6	85.8	86.2	86.7	87.0	87.1	87.3	87.8	87.8	87.8	87.9
GE 1000	42.4	58.3	67.4	75.3	82.1	85.7	88.0	88.4	88.9	89.3	89.4	89.7	90.1	90.1	90.1	90.2
GE 900	42.9	58.8	68.1	76.2	83.1	86.8	89.2	89.8	90.2	90.7	90.8	91.0	91.4	91.4	91.4	91.6
GE 800	43.0	59.1	68.7	77.1	84.6	88.4	90.9	91.6	92.0	92.4	92.6	92.8	93.2	93.2	93.2	93.3
GE 700	43.0	59.4	69.4	78.0	85.7	89.6	92.3	93.1	93.6	94.0	94.1	94.3	94.8	94.8	94.8	94.9
GE 600	43.1	59.8	69.8	78.4	86.3	90.6	93.6	94.3	94.8	95.3	95.4	95.7	96.1	96.1	96.1	96.2
GE 500	43.1	59.8	69.9	78.8	87.0	91.1	94.1	95.0	95.4	96.0	96.1	96.3	96.8	96.8	96.8	96.9
GE 400	43.1	59.8	69.9	78.8	87.0	91.2	94.4	95.3	95.8	96.6	96.8	97.0	97.4	97.4	97.7	97.9
GE 300	43.1	59.8	69.9	78.8	87.1	91.4	94.7	95.8	96.2	97.0	97.2	97.6	98.0	98.0	98.6	98.9
GE 200	43.1	59.8	69.9	78.8	87.1	91.4	94.7	95.8	96.2	97.0	97.2	97.6	98.1	98.1	98.7	99.3
GE 100	43.1	59.8	69.9	78.8	87.1	91.4	94.7	95.8	96.2	97.0	97.2	97.6	98.1	98.1	99.0	99.7
GE 000	43.1	59.8	69.9	78.8	87.1	91.4	94.7	95.8	96.2	97.0	97.2	97.6	98.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	49.7	54.4	55.9	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 20000	47.6	56.8	62.0	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	47.6	56.8	62.0	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 16000	47.7	56.9	62.1	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	47.8	57.1	62.3	63.9	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	48.8	58.1	63.4	65.2	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	50.0	60.3	65.8	67.8	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 9000	50.1	60.6	66.0	68.0	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	52.8	63.8	69.4	71.8	72.3	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	53.6	64.8	70.4	72.9	73.4	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	53.8	65.2	70.9	73.3	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	55.3	66.9	72.6	75.0	75.6	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	56.2	67.8	73.4	75.9	76.4	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	57.9	69.8	75.8	78.2	78.8	78.9	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	58.9	71.6	77.6	80.0	80.6	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	60.4	74.1	80.3	83.1	83.9	84.0	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	61.1	75.0	81.2	84.1	84.9	85.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	61.3	75.7	82.1	85.0	85.8	85.9	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	61.3	75.9	82.3	85.2	86.0	86.1	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	62.9	78.3	84.9	88.1	88.9	89.0	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	62.9	78.8	85.6	89.4	90.4	90.6	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	63.4	79.9	87.1	91.4	92.8	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	63.7	80.1	87.3	91.9	93.3	93.8	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	63.9	80.3	87.9	92.7	94.1	94.6	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	64.0	80.6	88.6	93.7	95.2	95.7	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	64.2	80.8	88.8	94.0	95.9	96.3	96.9	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	64.2	80.9	89.3	94.8	97.4	97.9	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	64.2	80.9	89.3	94.8	97.6	98.1	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	64.2	80.9	89.3	94.8	97.6	98.1	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	64.2	80.9	89.3	94.8	97.6	98.1	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	64.2	80.9	89.3	94.8	97.6	98.1	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 000	64.2	80.9	89.3	94.8	97.6	98.1	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	50.3	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	50.4	60.8	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	50.7	61.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	50.7	61.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	50.9	61.4	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	52.2	63.0	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	54.2	65.8	68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	54.2	65.8	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	58.2	70.0	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	58.8	70.6	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	59.2	71.0	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	60.6	72.3	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500	61.2	73.0	76.0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	62.2	74.7	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	66.0	79.3	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	69.1	83.7	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	69.9	85.1	89.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	70.9	86.8	91.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	71.0	86.9	91.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	71.3	87.6	92.0	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	71.6	88.2	92.9	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	72.0	90.0	95.0	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	72.1	90.1	95.2	97.0	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	72.4	90.4	95.6	97.4	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	72.4	90.4	95.9	97.9	98.4	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	72.4	90.4	95.9	97.9	98.4	98.6	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	72.4	90.4	95.9	97.9	98.7	98.8	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	72.4	90.4	95.9	97.9	98.8	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.4	90.4	95.9	97.9	98.8	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.4	90.4	95.9	97.9	98.8	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.4	90.4	95.9	97.9	98.8	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.4	90.4	95.9	97.9	98.8	98.9	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	53.2	53.6	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	53.7	62.0	62.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	54.1	62.4	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	54.1	62.4	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	54.8	63.2	64.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	55.6	64.3	65.1	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	58.2	67.6	68.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	58.2	67.6	69.3	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	62.7	72.1	74.1	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	64.0	73.4	75.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	64.3	73.8	75.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	65.8	75.2	77.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	66.7	76.6	79.1	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	67.8	77.9	80.8	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	69.8	80.7	83.8	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	73.0	84.7	88.3	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	73.8	85.7	89.3	91.4	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 2000	74.3	86.4	90.4	92.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 1800	74.6	86.7	90.7	92.8	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1500	75.3	87.8	92.1	94.4	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1200	75.8	88.7	93.4	96.1	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1000	76.0	89.1	94.0	96.7	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	76.1	89.2	94.1	96.8	98.0	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 800	76.1	89.2	94.1	96.8	98.0	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	76.1	89.2	94.2	96.9	98.2	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	76.1	89.2	94.2	96.9	98.2	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	76.1	89.2	94.2	97.0	98.6	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	54.1	56.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	52.9	60.2	63.0	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	53.2	60.6	63.3	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	53.2	60.6	63.3	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	53.6	60.9	63.7	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	54.2	61.6	64.7	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	56.6	65.1	69.4	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	56.6	65.2	70.0	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	62.2	71.4	76.4	78.7	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	62.9	72.4	77.8	80.3	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	63.2	72.8	78.6	81.1	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	64.3	74.0	80.0	82.7	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	64.8	74.8	81.0	83.9	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	66.2	77.1	83.4	86.6	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	67.6	79.3	85.7	88.9	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	68.3	80.6	87.3	91.1	91.9	92.0	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	68.6	81.3	88.4	92.2	93.1	93.2	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	69.0	82.0	89.4	93.3	94.2	94.3	94.9	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	69.3	82.3	89.9	93.8	94.7	94.8	95.3	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	69.6	83.0	90.6	94.7	95.6	96.1	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	69.8	83.2	90.8	95.2	96.4	97.4	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	69.9	83.3	90.9	95.4	96.7	97.7	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	69.9	83.3	90.9	95.4	96.7	97.9	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	70.0	83.4	91.1	95.8	97.0	98.2	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	70.0	83.4	91.1	95.8	97.0	98.2	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.0	83.4	91.1	95.8	97.0	98.3	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	52.0	56.3	59.0	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1
GE 20000	51.3	56.8	61.6	65.2	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 18000	51.3	56.8	61.6	65.2	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 16000	51.3	56.8	61.6	65.2	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 14000	51.7	57.1	61.9	65.6	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 12000	52.3	57.8	62.7	66.3	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 10000	54.6	61.3	66.7	70.8	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 9000	54.7	61.7	67.0	71.2	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 8000	58.7	66.3	71.9	76.3	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 7000	59.1	67.1	73.1	77.7	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 6000	59.4	67.8	73.8	78.3	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 5000	60.6	68.9	74.9	79.6	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6
GE 4500	62.1	70.8	77.0	81.9	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 4000	63.6	72.6	79.0	83.9	86.7	86.8	87.4	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 3500	64.2	73.4	80.2	85.2	88.0	88.1	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 3000	64.7	74.2	81.6	87.3	90.2	90.3	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 2500	64.9	75.0	82.6	88.3	91.3	91.4	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 2000	65.6	76.1	83.8	89.8	92.9	93.0	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 1800	66.1	76.7	84.3	90.3	93.4	93.6	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 1500	66.4	77.1	85.3	91.4	94.6	94.9	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 1200	66.4	77.1	85.3	92.1	95.3	95.8	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1000	66.7	77.4	85.8	92.6	96.0	96.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	66.7	77.7	86.0	92.8	96.2	97.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	66.8	77.8	86.1	92.9	96.3	97.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	66.8	77.8	86.2	93.1	96.8	97.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	66.8	77.8	86.2	93.1	96.8	97.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	66.8	77.8	86.2	93.4	97.1	98.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	66.8	77.8	86.2	93.4	97.1	98.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	66.8	77.8	86.2	93.4	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	66.8	77.8	86.2	93.4	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	66.8	77.8	86.2	93.4	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	66.8	77.8	86.2	93.4	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS: ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.2	48.1	51.5	54.0	55.6	56.2	56.7	56.8	56.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1
GE 20000	45.9	54.2	58.1	61.0	62.8	63.4	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4
GE 18000	46.1	54.3	58.2	61.1	62.9	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.5	64.5	64.5	64.5
GE 16000	46.1	54.3	58.2	61.1	62.9	63.5	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5
GE 14000	46.3	54.6	58.6	61.4	63.2	63.8	64.4	64.5	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.8
GE 12000	47.2	55.7	59.7	62.6	64.4	65.0	65.6	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0
GE 10000	49.1	58.4	62.9	66.1	68.0	68.6	69.3	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7
GE 9000	49.4	58.7	63.4	66.6	68.5	69.1	69.8	69.9	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2
GE 8000	53.1	63.1	68.1	71.4	73.6	74.3	75.0	75.2	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6
GE 7000	53.6	63.8	68.9	72.3	74.5	75.2	75.9	76.0	76.2	76.3	76.3	76.3	76.4	76.4	76.5	76.5
GE 6000	54.0	64.3	69.4	72.9	75.1	75.8	76.5	76.7	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.1
GE 5000	55.1	65.4	70.7	74.2	76.4	77.2	77.9	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4
GE 4500	55.9	66.5	72.0	75.7	77.9	78.7	79.4	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9
GE 4000	57.0	68.2	73.8	77.0	79.9	80.6	81.4	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0
GE 3500	58.5	70.2	76.0	79.9	82.3	83.0	83.8	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4
GE 3000	60.0	72.4	78.5	82.7	85.2	86.0	86.8	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.5
GE 2500	60.5	73.3	79.5	83.7	86.3	87.1	87.9	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6
GE 2000	61.0	74.2	80.6	84.9	87.5	88.3	89.3	89.4	89.5	89.7	89.7	89.8	89.9	89.9	89.9	89.9
GE 1800	61.3	74.5	80.9	85.3	87.9	88.8	89.7	89.8	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3
GE 1500	61.9	75.8	82.5	87.1	89.7	90.8	91.7	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.4
GE 1200	62.2	76.3	83.3	88.3	91.1	92.4	93.3	93.5	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0
GE 1000	62.5	77.1	84.3	89.5	92.5	93.9	95.0	95.2	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7
GE 900	62.7	77.3	84.6	89.9	92.9	94.4	95.6	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 800	62.8	77.5	84.9	90.3	93.5	95.0	96.1	96.4	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9
GE 700	62.8	77.6	85.2	90.7	94.0	95.6	96.8	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 600	62.9	77.7	85.3	90.9	94.3	96.0	97.3	97.7	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3
GE 500	62.9	77.7	85.4	91.2	94.8	96.5	97.9	98.3	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 400	62.9	77.7	85.4	91.2	95.0	96.7	98.2	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.4
GE 300	62.9	77.7	85.4	91.2	95.0	96.8	98.3	98.7	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.6
GE 200	62.9	77.7	85.4	91.2	95.0	96.8	98.3	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.8
GE 100	62.9	77.7	85.4	91.2	95.0	96.8	98.3	98.8	98.9	99.2	99.3	99.4	99.5	99.5	99.7	99.9
GE 000	62.9	77.7	85.4	91.2	95.0	96.8	98.3	98.8	98.9	99.2	99.3	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	48.8	52.9	55.3	57.4	58.2	59.5	60.0	60.6	60.9	60.9	60.9	61.0	61.0	61.0	61.3
GE 20000	47.1	54.7	59.0	61.5	64.1	64.9	66.5	67.0	67.6	67.8	67.8	67.8	68.0	68.1	68.2	68.6
GE 18000	47.1	54.7	59.0	61.5	64.1	64.9	66.5	67.0	67.6	67.8	67.8	67.8	68.0	68.1	68.2	68.6
GE 16000	47.1	54.7	59.0	61.5	64.1	64.9	66.5	67.0	67.6	67.8	67.8	67.8	68.0	68.1	68.2	68.6
GE 14000	47.1	54.7	59.0	61.5	64.1	64.9	66.5	67.0	67.6	67.8	67.8	67.8	68.0	68.1	68.2	68.6
GE 12000	47.8	55.6	60.0	62.6	65.2	66.0	67.5	68.1	68.7	68.9	68.9	68.9	69.0	69.1	69.2	69.7
GE 10000	50.8	58.7	63.2	65.8	68.6	69.5	71.2	71.7	72.4	72.6	72.7	72.7	72.8	72.9	73.1	73.5
GE 9000	51.5	59.6	64.1	66.7	69.5	70.3	72.0	72.6	73.2	73.4	73.5	73.5	73.7	73.8	74.0	74.4
GE 8000	54.6	63.2	68.0	70.5	73.8	74.6	76.3	76.9	77.5	77.8	78.0	78.0	78.2	78.3	78.5	78.9
GE 7000	55.6	64.2	68.9	71.6	74.8	75.7	77.4	78.0	78.6	78.9	79.0	79.0	79.2	79.4	79.6	80.0
GE 6000	56.1	64.7	69.5	72.2	75.7	76.6	78.3	78.8	79.5	79.8	79.9	79.9	80.1	80.2	80.4	80.9
GE 5000	56.9	65.9	70.6	73.3	76.9	77.7	79.5	80.0	80.6	81.0	81.1	81.1	81.3	81.4	81.6	82.0
GE 4500	57.5	66.9	71.7	74.7	78.3	79.1	80.9	81.4	82.0	82.4	82.5	82.5	82.7	82.8	83.0	83.4
GE 4000	58.5	67.8	72.7	75.9	79.6	80.4	82.2	82.7	83.3	83.7	83.8	83.8	84.0	84.1	84.3	84.7
GE 3500	59.7	69.4	74.3	77.5	81.3	82.2	83.9	84.4	85.1	85.4	85.5	85.5	85.9	86.0	86.3	86.8
GE 3000	60.8	70.6	75.7	78.9	82.7	84.1	85.8	86.3	87.0	87.3	87.4	87.4	87.8	88.0	88.3	88.7
GE 2500	62.0	71.9	77.0	80.4	84.2	85.6	87.3	87.8	88.5	88.8	88.9	88.9	89.4	89.5	89.8	90.2
GE 2000	62.9	72.8	78.1	81.7	85.5	86.9	88.7	89.4	90.0	90.3	90.4	90.4	90.9	91.0	91.3	91.7
GE 1800	62.9	72.8	78.1	81.8	85.6	87.0	88.9	89.6	90.2	90.5	90.6	90.6	91.1	91.2	91.5	91.9
GE 1500	63.3	73.2	78.5	82.4	86.1	87.5	89.7	90.3	91.0	91.3	91.4	91.4	91.8	91.9	92.3	92.7
GE 1200	63.3	73.2	78.7	82.6	86.5	87.8	90.0	90.6	91.3	91.6	91.7	91.7	92.2	92.3	92.6	93.0
GE 1000	63.3	73.3	78.9	83.0	87.0	88.4	90.5	91.2	91.8	92.2	92.3	92.3	92.7	92.8	93.1	93.5
GE 900	63.4	73.4	79.0	83.2	87.2	88.6	90.8	91.4	92.0	92.4	92.5	92.5	92.9	93.0	93.3	93.8
GE 800	63.7	73.7	79.4	83.8	88.1	89.6	91.7	92.4	93.0	93.3	93.4	93.4	93.9	94.0	94.3	94.7
GE 700	63.7	73.7	79.5	84.0	88.3	89.8	92.0	92.7	93.3	93.7	93.8	93.8	94.2	94.3	94.6	95.1
GE 600	63.7	73.8	79.6	84.3	88.8	90.9	93.9	94.5	95.2	95.5	95.6	95.6	96.0	96.1	96.5	96.9
GE 500	63.7	73.9	79.7	84.4	89.0	91.2	94.2	94.8	95.5	95.8	95.9	95.9	96.3	96.5	96.8	97.2
GE 400	63.7	74.0	79.8	84.5	89.4	91.5	94.9	95.6	96.2	96.6	96.8	96.8	97.2	97.3	97.6	98.1
GE 300	63.7	74.0	79.8	84.5	89.5	91.6	95.4	96.2	96.9	97.2	97.5	97.5	98.2	98.3	98.6	99.0
GE 200	63.7	74.0	79.8	84.5	89.5	91.6	95.7	96.6	97.2	97.5	98.0	98.0	98.9	99.0	99.4	99.8
GE 100	63.7	74.1	79.9	84.6	89.6	91.7	95.8	96.7	97.3	97.6	98.1	98.1	99.0	99.1	99.5	99.9
GE 000	63.7	74.1	79.9	84.6	89.6	91.7	95.8	96.7	97.3	97.6	98.1	98.1	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	45.4	49.1	50.8	52.9	53.4	54.6	55.9	56.0	56.1	56.3	56.3	56.7	56.7	56.9	57.3
GE 20000	43.4	50.9	54.7	56.5	59.2	59.8	61.1	62.4	62.5	62.6	62.9	62.9	63.2	63.2	63.4	63.9
GE 18000	43.4	50.9	54.7	56.5	59.2	59.8	61.1	62.4	62.5	62.6	62.9	62.9	63.2	63.2	63.4	63.9
GE 16000	43.4	50.9	54.7	56.5	59.2	59.8	61.1	62.4	62.5	62.6	62.9	62.9	63.2	63.2	63.4	63.9
GE 14000	43.4	50.9	54.7	56.5	59.2	59.8	61.1	62.4	62.5	62.6	62.9	62.9	63.2	63.2	63.4	63.9
GE 12000	43.8	51.4	55.3	57.0	59.9	60.4	61.7	63.0	63.1	63.2	63.5	63.5	63.9	63.9	64.1	64.5
GE 10000	46.6	55.3	59.2	61.2	64.3	64.8	66.1	67.4	67.5	67.6	68.0	68.0	68.3	68.3	68.5	68.9
GE 9000	47.1	55.9	60.1	62.0	65.2	65.7	67.0	68.3	68.4	68.5	68.8	68.8	69.1	69.1	69.4	69.8
GE 8000	50.8	60.0	64.4	66.6	69.9	70.4	71.8	73.1	73.3	73.8	74.1	74.1	74.5	74.5	74.7	75.2
GE 7000	51.3	60.5	65.2	67.3	70.6	71.2	72.6	73.9	74.1	74.5	74.8	74.8	75.3	75.3	75.5	75.9
GE 6000	51.7	61.0	65.6	67.8	71.3	71.8	73.2	74.5	74.7	75.2	75.5	75.5	75.9	75.9	76.1	76.6
GE 5000	52.3	61.9	66.7	69.1	72.6	73.1	74.5	75.8	76.0	76.5	76.8	76.8	77.2	77.2	77.4	77.8
GE 4500	52.6	62.3	67.0	69.8	73.2	73.8	75.3	76.6	76.8	77.2	77.5	77.5	78.0	78.0	78.2	78.6
GE 4000	53.8	63.4	68.4	71.5	74.9	75.5	77.1	78.4	78.6	79.0	79.4	79.4	79.8	79.8	80.0	80.4
GE 3500	55.1	64.9	69.9	73.0	76.6	77.1	78.7	80.1	80.3	80.8	81.1	81.1	81.5	81.5	81.9	82.4
GE 3000	57.5	67.5	72.7	75.8	79.4	80.0	81.6	83.0	83.3	83.8	84.1	84.1	84.5	84.5	84.9	85.4
GE 2500	57.7	67.7	73.0	76.1	79.7	80.3	81.9	83.3	83.7	84.1	84.4	84.4	84.8	84.8	85.3	85.7
GE 2000	58.8	68.9	74.2	77.4	81.0	81.6	83.3	84.7	85.1	85.5	85.8	85.8	86.2	86.2	86.7	87.1
GE 1800	58.9	69.0	74.4	77.6	81.2	82.0	83.9	85.3	85.6	86.0	86.3	86.3	86.8	86.8	87.2	87.6
GE 1500	59.1	69.2	74.6	78.1	81.6	82.7	84.8	86.2	86.6	87.0	87.3	87.3	87.7	87.7	88.2	88.6
GE 1200	59.1	69.2	74.6	78.2	81.7	82.9	85.2	86.7	87.0	87.4	87.7	87.7	88.2	88.2	88.6	89.0
GE 1000	59.1	69.2	74.9	78.6	82.5	83.8	86.0	87.5	87.8	88.3	88.6	88.6	89.0	89.0	89.5	89.9
GE 900	59.1	69.2	75.1	78.9	82.9	84.2	86.6	88.1	88.4	88.8	89.1	89.1	89.6	89.6	90.0	90.4
GE 800	59.1	69.2	75.3	79.4	83.8	85.2	87.5	89.0	89.4	89.8	90.1	90.1	90.5	90.5	91.0	91.4
GE 700	59.4	69.5	75.7	79.9	84.8	86.3	88.7	90.2	90.5	91.0	91.3	91.3	91.7	91.7	92.2	92.6
GE 600	59.4	69.7	76.0	80.5	85.8	87.6	90.1	91.6	91.9	92.4	92.7	92.7	93.1	93.1	93.5	94.0
GE 500	59.5	70.1	76.5	81.2	86.6	88.5	91.1	92.6	92.9	93.3	93.7	93.7	94.1	94.1	94.5	94.9
GE 400	59.6	70.2	76.6	81.4	87.0	89.1	92.0	93.7	94.1	94.5	94.8	94.8	95.3	95.3	95.7	96.1
GE 300	59.7	70.3	76.8	81.6	87.2	89.8	93.2	94.9	95.4	95.9	96.2	96.2	96.9	96.9	97.4	97.8
GE 200	59.7	70.3	76.8	81.6	87.2	89.8	93.2	94.9	95.4	95.9	96.3	96.3	97.2	97.2	97.8	98.6
GE 100	59.7	70.3	76.8	81.7	87.4	90.0	93.5	95.3	95.7	96.3	96.8	96.8	97.7	97.7	98.4	99.4
GE 000	59.7	70.3	76.8	81.7	87.4	90.0	93.5	95.3	95.7	96.3	96.8	96.8	97.7	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.7	39.8	43.4	45.8	48.4	48.9	49.8	50.4	50.5	50.8	51.2	51.2	51.6	51.6	51.7	52.2
GE 20000	34.4	43.3	47.6	50.4	53.3	54.2	55.3	55.9	56.0	56.2	56.7	56.7	57.1	57.1	57.2	57.6
GE 18000	34.4	43.3	47.6	50.4	53.3	54.2	55.3	55.9	56.0	56.2	56.7	56.7	57.1	57.1	57.2	57.6
GE 16000	34.4	43.3	47.7	50.5	53.4	54.3	55.4	56.0	56.1	56.3	56.8	56.8	57.2	57.2	57.3	57.7
GE 14000	34.7	43.7	48.1	50.9	53.8	54.6	55.7	56.3	56.5	56.7	57.1	57.1	57.5	57.5	57.6	58.1
GE 12000	34.9	44.0	48.4	51.3	54.6	55.5	56.6	57.2	57.3	57.5	58.0	58.0	58.4	58.4	58.5	59.0
GE 10000	37.6	47.5	52.4	55.7	59.1	60.0	61.1	61.7	61.8	62.0	62.5	62.5	62.9	62.9	63.1	63.7
GE 9000	38.2	48.1	52.9	56.2	59.7	60.5	61.6	62.3	62.4	62.6	63.0	63.0	63.4	63.4	63.7	64.2
GE 8000	41.1	51.9	57.0	60.5	64.2	65.4	66.7	67.5	67.6	68.0	68.5	68.5	69.0	69.1	69.4	70.0
GE 7000	41.5	52.5	57.5	61.1	64.8	66.0	67.3	68.2	68.3	68.6	69.1	69.1	69.7	69.8	70.0	70.6
GE 6000	41.8	52.9	58.0	61.6	65.4	66.6	67.8	68.7	68.8	69.1	69.7	69.7	70.2	70.3	70.5	71.2
GE 5000	43.4	54.7	60.1	64.1	68.0	69.2	70.5	71.4	71.6	71.9	72.5	72.5	73.0	73.1	73.3	74.0
GE 4500	44.8	56.3	61.7	65.9	69.8	71.1	72.6	73.4	73.7	74.0	74.5	74.5	75.1	75.2	75.4	76.0
GE 4000	46.6	58.5	64.0	68.3	72.2	73.4	74.9	75.8	76.0	76.3	76.9	76.9	77.4	77.5	77.7	78.4
GE 3500	47.5	59.6	65.3	69.6	73.4	74.7	76.2	77.1	77.3	77.6	78.2	78.2	78.7	78.8	79.0	79.7
GE 3000	50.1	62.5	68.4	72.7	76.7	78.0	79.5	80.4	80.6	81.0	81.5	81.5	82.0	82.2	82.4	83.1
GE 2500	50.3	62.8	68.7	73.0	77.2	78.5	80.1	81.1	81.3	81.6	82.2	82.2	82.7	82.8	83.0	83.8
GE 2000	51.5	64.3	70.3	74.8	79.0	80.3	82.2	83.3	83.3	83.7	84.2	84.2	84.7	84.8	85.1	85.8
GE 1800	51.5	64.3	70.3	74.8	79.0	80.3	82.2	83.3	83.5	83.9	84.4	84.4	84.9	85.1	85.3	86.0
GE 1500	51.8	64.7	70.8	75.7	80.1	81.5	83.3	84.5	84.7	85.1	85.6	85.6	86.1	86.2	86.5	87.2
GE 1200	51.8	64.8	70.9	75.8	80.3	81.7	83.5	84.7	84.9	85.3	85.8	85.8	86.3	86.5	86.7	87.4
GE 1000	51.9	64.9	71.1	76.2	81.1	82.9	84.8	86.0	86.2	86.6	87.1	87.1	87.6	87.7	88.0	88.7
GE 900	51.9	64.9	71.4	77.0	81.8	83.7	85.6	86.8	87.0	87.3	87.8	87.8	88.4	88.5	88.7	89.5
GE 800	51.9	64.9	71.6	77.4	82.5	84.4	86.3	87.5	87.7	88.2	88.7	88.7	89.2	89.4	89.6	90.3
GE 700	52.0	65.1	72.2	78.1	83.3	85.3	87.6	88.8	89.0	89.5	90.0	90.0	90.5	90.6	90.9	91.6
GE 600	52.2	65.2	72.3	78.3	84.1	86.1	88.8	90.0	90.2	90.6	91.2	91.2	91.7	91.8	92.0	92.8
GE 500	52.2	65.2	72.6	78.6	84.6	86.9	89.6	90.8	91.0	91.5	92.0	92.0	92.6	92.7	92.9	93.7
GE 400	52.2	65.2	72.6	78.8	85.2	87.6	90.5	91.9	92.2	92.7	93.3	93.3	93.9	94.0	94.2	94.9
GE 300	52.2	65.2	72.7	78.9	85.3	88.3	91.5	93.1	93.3	94.2	95.1	95.1	95.9	96.0	96.2	97.4
GE 200	52.2	65.2	72.7	78.9	85.3	88.3	91.5	93.1	93.3	94.3	95.3	95.3	96.1	96.2	96.5	98.2
GE 100	52.2	65.2	72.7	78.9	85.3	88.3	91.5	93.1	93.3	94.3	95.5	95.5	96.6	96.7	97.0	99.0
GE 000	52.2	65.2	72.7	78.9	85.3	88.3	91.5	93.1	93.3	94.3	95.6	95.6	96.7	96.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	50.1	52.3	52.8	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	50.6	56.7	59.2	60.0	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	50.6	56.7	59.2	60.0	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	50.6	56.8	59.4	60.1	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	51.1	57.2	59.9	60.6	61.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	51.2	57.4	60.1	61.1	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	54.9	61.7	64.7	65.7	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	55.4	62.3	65.3	66.2	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	58.1	66.1	69.9	71.2	72.0	72.5	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	58.6	66.7	70.4	71.8	72.7	73.1	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	59.0	67.1	70.9	72.3	73.1	73.5	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	60.3	68.8	72.8	74.2	75.2	75.6	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	61.2	69.9	73.9	75.3	76.2	76.7	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	63.0	71.9	76.0	77.4	78.6	79.0	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	65.3	74.2	78.3	79.7	81.1	81.5	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	66.9	76.1	80.5	82.3	83.8	84.2	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	67.2	76.5	80.9	82.7	84.2	84.6	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	68.4	77.6	82.4	84.2	85.9	86.3	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	68.6	77.8	82.8	84.9	86.8	87.2	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	68.8	78.1	83.2	85.6	87.6	88.1	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	69.0	78.3	83.5	86.1	88.6	89.0	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	69.7	79.6	84.9	88.1	91.0	91.4	92.0	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	69.9	79.8	85.6	88.7	91.6	92.2	92.8	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	70.0	79.9	85.8	88.9	91.9	92.5	93.2	93.4	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	70.1	80.0	85.9	89.4	92.7	93.2	94.1	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	70.2	80.2	86.1	89.9	93.7	94.2	95.1	95.6	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	70.2	80.2	86.1	90.0	94.0	94.8	95.7	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	70.2	80.2	86.1	90.2	94.7	95.7	96.7	97.4	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	70.2	80.2	86.1	90.2	94.9	96.1	97.2	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.4
GE 200	70.2	80.2	86.1	90.2	94.9	96.2	97.3	98.4	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.9
GE 100	70.2	80.2	86.1	90.2	94.9	96.2	97.3	98.4	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.9
GE 000	70.2	80.2	86.1	90.2	94.9	96.2	97.3	98.4	98.6	99.4	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	54.9	60.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	55.2	61.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	55.2	61.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	55.2	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	55.4	61.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	59.5	65.8	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 9000	60.2	66.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	63.1	70.6	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	63.9	71.5	73.4	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	64.2	71.9	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	64.6	72.6	74.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	66.1	74.4	76.5	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	69.2	77.6	79.7	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	71.5	80.0	82.0	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	74.8	83.3	85.6	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	75.5	84.0	86.2	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	76.8	85.3	87.6	88.6	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	77.0	85.7	88.1	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	77.3	86.0	88.6	89.6	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	77.8	86.9	89.9	91.1	92.2	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	78.6	88.1	91.2	92.8	94.1	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	78.6	88.1	91.4	93.4	94.7	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	78.6	88.1	91.6	94.0	95.5	96.2	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	78.6	88.3	91.9	94.6	96.1	97.0	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	78.6	88.3	92.0	94.8	96.7	97.5	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	78.6	88.3	92.0	94.8	96.7	97.5	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	78.6	88.3	92.0	94.8	97.0	98.1	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	78.6	88.3	92.0	94.8	97.0	98.2	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	78.6	88.3	92.0	94.8	97.0	98.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.6	88.3	92.0	94.8	97.0	98.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.6	88.3	92.0	94.8	97.0	98.2	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	51.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	57.5	62.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	57.6	62.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	57.6	62.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	57.7	62.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	58.2	63.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	61.6	67.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	61.9	67.8	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	65.9	73.0	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	67.1	74.2	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	67.1	74.2	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	68.3	75.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	68.8	75.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	72.9	80.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	74.4	81.7	84.3	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	77.1	84.4	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	78.0	85.3	88.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	78.5	85.8	88.7	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	78.7	86.0	88.9	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	79.1	86.9	89.9	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	79.5	87.7	91.1	92.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	80.0	88.4	91.9	93.1	94.7	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	80.0	88.5	92.0	93.5	95.5	95.7	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	80.0	88.5	92.2	93.9	95.9	96.1	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	80.0	88.8	92.5	94.3	96.9	97.1	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	80.0	88.8	92.5	94.3	97.0	97.4	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	80.0	88.9	92.6	94.4	97.2	97.6	98.4	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	80.0	88.9	92.6	94.5	97.6	98.1	98.8	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	80.0	88.9	92.6	94.5	97.6	98.1	98.8	99.0	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	80.0	88.9	92.6	94.5	97.6	98.1	98.8	99.0	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	80.0	88.9	92.6	94.5	97.6	98.1	98.8	99.0	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	80.0	88.9	92.6	94.5	97.6	98.1	98.8	99.0	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	54.4	56.7	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	55.6	60.8	63.2	64.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	55.6	60.8	63.2	64.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 16000	55.6	60.8	63.2	64.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	55.9	61.2	63.8	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	56.9	62.5	65.1	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	60.2	65.9	68.8	70.4	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	60.4	66.1	69.0	70.6	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	63.3	69.9	72.9	74.5	74.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	64.5	71.1	74.1	75.7	76.0	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	64.7	71.3	74.3	75.9	76.2	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	66.1	73.0	76.3	78.0	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	66.9	73.8	77.2	79.2	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	69.4	76.3	79.9	81.9	82.5	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	71.4	78.6	82.3	84.3	84.8	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	73.1	80.9	84.5	86.7	87.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	74.4	82.3	86.0	88.6	89.6	89.9	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	74.8	82.7	86.5	89.0	90.2	90.5	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	75.1	83.0	86.9	89.5	90.6	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	75.4	83.4	87.3	90.1	91.5	91.8	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	75.5	83.7	87.8	91.1	92.6	93.0	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	75.6	83.8	88.3	91.7	93.4	93.9	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	75.6	83.9	88.6	92.2	94.1	94.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	75.6	83.9	88.6	92.2	94.3	94.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	75.6	84.1	88.8	92.5	95.1	95.5	96.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	75.6	84.2	88.9	92.6	95.4	95.8	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	75.6	84.2	89.0	92.7	95.5	96.0	97.3	97.6	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	75.6	84.2	89.1	93.2	96.1	96.7	98.1	98.4	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	75.6	84.2	89.1	93.3	96.2	96.8	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	75.6	84.2	89.1	93.3	96.2	96.8	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	75.6	84.2	89.1	93.3	96.2	96.8	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	75.6	84.2	89.1	93.3	96.2	96.8	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	52.7	54.8	56.8	58.9	59.4	59.8	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.5
GE 20000	51.7	58.4	60.8	62.7	65.3	65.8	66.5	66.5	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.3
GE 18000	51.7	58.4	60.8	62.7	65.3	65.8	66.5	66.5	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.3
GE 16000	51.7	58.4	60.8	62.7	65.3	65.8	66.5	66.5	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.3
GE 14000	52.2	58.9	61.3	63.2	66.0	66.6	67.2	67.2	67.4	67.7	67.8	67.8	67.8	67.8	67.8	68.1
GE 12000	52.7	59.5	62.2	64.2	67.1	67.6	68.3	68.3	68.5	68.8	68.9	68.9	68.9	68.9	68.9	69.1
GE 10000	55.9	62.7	65.4	67.4	70.3	70.9	71.5	71.5	71.7	72.2	72.3	72.3	72.5	72.5	72.5	72.8
GE 9000	56.1	63.0	65.7	67.7	70.8	71.3	71.9	71.9	72.2	72.6	72.7	72.7	72.9	72.9	72.9	73.2
GE 8000	60.1	67.4	70.2	72.3	75.3	75.8	76.5	76.5	76.7	77.1	77.3	77.3	77.5	77.5	77.5	77.8
GE 7000	61.6	68.9	71.7	73.8	76.8	77.3	78.0	78.0	78.2	78.6	78.8	78.8	79.0	79.0	79.0	79.4
GE 6000	61.9	69.2	72.0	74.1	77.1	77.6	78.3	78.3	78.5	78.9	79.1	79.1	79.4	79.4	79.4	79.7
GE 5000	63.4	71.2	74.2	76.2	79.2	79.8	80.4	80.4	80.6	81.1	81.3	81.3	81.5	81.5	81.5	81.8
GE 4500	63.8	71.7	74.7	77.1	80.2	80.8	81.4	81.4	81.6	82.0	82.3	82.3	82.5	82.5	82.5	82.8
GE 4000	65.4	74.3	77.6	80.0	83.4	84.0	84.6	84.6	85.1	85.5	85.7	85.7	86.0	86.0	86.0	86.3
GE 3500	66.3	75.3	78.7	81.3	84.7	85.3	85.9	85.9	86.3	86.8	87.0	87.0	87.3	87.3	87.3	87.6
GE 3000	67.5	76.8	80.3	83.0	86.6	87.1	87.7	87.7	88.2	88.6	88.8	88.8	89.1	89.1	89.1	89.5
GE 2500	68.5	77.7	81.3	84.0	87.6	88.2	88.8	88.8	89.2	89.7	89.9	89.9	90.2	90.2	90.2	90.5
GE 2000	68.9	78.4	82.0	85.2	88.8	89.5	90.1	90.4	90.9	91.3	91.5	91.5	91.8	91.8	91.8	92.2
GE 1800	69.0	78.5	82.2	85.3	88.9	89.6	90.2	90.5	91.0	91.4	91.6	91.6	91.9	91.9	91.9	92.3
GE 1500	69.1	78.7	82.6	85.9	89.7	90.3	91.0	91.3	91.7	92.2	92.4	92.4	92.7	92.7	92.7	93.0
GE 1200	69.4	79.2	83.3	86.8	90.8	91.4	92.0	92.4	92.8	93.2	93.4	93.4	93.8	93.8	93.8	94.1
GE 1000	69.4	79.2	83.5	87.0	91.1	91.7	92.4	92.7	93.1	93.5	93.8	93.8	94.1	94.1	94.1	94.4
GE 900	69.4	79.5	83.8	87.3	91.5	92.4	93.0	93.3	93.8	94.2	94.4	94.4	94.7	94.7	94.7	95.1
GE 800	69.5	79.6	84.0	87.7	92.2	93.0	93.7	94.0	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.8
GE 700	69.5	79.6	84.1	88.0	92.6	93.5	94.2	94.5	95.1	95.5	95.7	95.7	96.0	96.0	96.0	96.3
GE 600	69.6	79.8	84.3	88.3	92.9	94.1	94.8	95.2	95.7	96.1	96.3	96.3	96.7	96.7	96.7	97.0
GE 500	69.6	79.8	84.3	88.3	93.0	94.5	95.4	95.7	96.2	96.8	97.0	97.0	97.3	97.3	97.3	97.6
GE 400	69.6	79.8	84.3	88.7	93.7	95.2	96.1	96.6	97.2	98.0	98.2	98.2	98.5	98.5	98.5	98.8
GE 300	69.6	79.8	84.3	88.7	93.7	95.2	96.3	97.1	97.7	98.5	98.7	98.7	99.0	99.0	99.0	99.4
GE 200	69.6	79.8	84.3	88.7	93.7	95.2	96.5	97.3	98.0	98.7	99.0	99.0	99.4	99.4	99.4	99.8
GE 100	69.6	79.8	84.3	88.7	93.7	95.2	96.5	97.3	98.0	98.7	99.0	99.0	99.4	99.4	99.4	100.0
GE 000	69.6	79.8	84.3	88.7	93.7	95.2	96.5	97.3	98.0	98.7	99.0	99.0	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.7	49.2	51.8	53.0	54.2	54.5	55.0	55.3	55.4	55.6	55.6	55.6	55.7	55.7	55.8	56.0
GE 20000	49.4	55.9	58.7	60.1	61.6	61.9	62.6	62.9	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.6
GE 18000	49.5	56.0	58.8	60.2	61.6	62.0	62.6	62.9	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.7
GE 16000	49.5	56.0	58.8	60.2	61.7	62.1	62.7	63.0	63.1	63.2	63.3	63.3	63.4	63.5	63.5	63.7
GE 14000	49.7	56.3	59.1	60.6	62.0	62.4	63.0	63.3	63.5	63.6	63.7	63.7	63.8	63.8	63.9	64.0
GE 12000	50.1	56.9	59.8	61.4	62.9	63.3	63.9	64.2	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.9
GE 10000	53.4	60.6	63.7	65.3	66.9	67.4	68.0	68.3	68.4	68.6	68.7	68.7	68.8	68.8	68.9	69.1
GE 9000	53.9	61.2	64.3	65.9	67.6	68.0	68.6	68.9	69.1	69.2	69.3	69.3	69.4	69.4	69.5	69.7
GE 8000	57.1	65.3	68.7	70.4	72.2	72.7	73.4	73.7	73.9	74.1	74.2	74.2	74.4	74.4	74.5	74.8
GE 7000	58.0	66.2	69.7	71.4	73.2	73.7	74.4	74.7	74.9	75.1	75.2	75.2	75.4	75.4	75.5	75.8
GE 6000	58.3	66.5	70.0	71.8	73.7	74.1	74.8	75.2	75.3	75.5	75.7	75.7	75.9	75.9	76.0	76.2
GE 5000	59.4	67.9	71.6	73.4	75.3	75.8	76.5	76.9	77.0	77.2	77.4	77.4	77.6	77.6	77.7	77.9
GE 4500	60.2	68.9	72.6	74.6	76.6	77.1	77.8	78.2	78.3	78.5	78.7	78.7	78.9	78.9	79.0	79.2
GE 4000	62.3	71.3	75.1	77.3	79.3	79.8	80.6	81.0	81.2	81.3	81.5	81.5	81.7	81.7	81.8	82.0
GE 3500	63.9	73.0	76.9	79.1	81.2	81.7	82.5	82.9	83.1	83.3	83.4	83.4	83.7	83.7	83.8	84.0
GE 3000	66.0	75.3	79.4	81.7	83.9	84.4	85.2	85.6	85.8	86.0	86.2	86.2	86.4	86.4	86.6	86.8
GE 2500	66.7	76.0	80.1	82.6	84.9	85.5	86.3	86.7	86.9	87.1	87.3	87.3	87.5	87.5	87.7	87.9
GE 2000	67.6	77.0	81.2	83.8	86.2	86.8	87.7	88.2	88.4	88.6	88.8	88.8	89.0	89.0	89.1	89.4
GE 1800	67.7	77.2	81.5	84.1	86.5	87.2	88.1	88.6	88.8	89.0	89.2	89.2	89.4	89.4	89.5	89.8
GE 1500	68.0	77.5	81.9	84.8	87.3	88.0	89.0	89.5	89.7	89.9	90.1	90.1	90.3	90.3	90.4	90.7
GE 1200	68.2	77.9	82.5	85.5	88.2	89.0	90.0	90.5	90.7	90.9	91.1	91.1	91.3	91.3	91.4	91.7
GE 1000	68.5	78.3	83.1	86.3	89.4	90.2	91.3	91.9	92.1	92.3	92.5	92.5	92.7	92.7	92.8	93.1
GE 900	68.5	78.4	83.4	86.8	89.9	90.8	92.1	92.6	92.8	93.1	93.2	93.2	93.4	93.5	93.6	93.8
GE 800	68.5	78.5	83.5	87.2	90.5	91.5	92.8	93.3	93.5	93.8	94.0	94.0	94.2	94.2	94.3	94.6
GE 700	68.6	78.6	83.8	87.6	91.2	92.2	93.6	94.2	94.4	94.7	94.9	94.9	95.1	95.1	95.2	95.5
GE 600	68.6	78.7	84.0	87.9	91.8	93.0	94.5	95.1	95.4	95.6	95.8	95.8	96.1	96.1	96.2	96.5
GE 500	68.7	78.8	84.1	88.1	92.1	93.4	95.0	95.6	95.9	96.3	96.5	96.5	96.7	96.8	96.9	97.1
GE 400	68.7	78.8	84.1	88.3	92.6	94.0	95.8	96.5	96.8	97.2	97.5	97.5	97.7	97.7	97.8	98.1
GE 300	68.7	78.9	84.2	88.3	92.7	94.2	96.2	97.1	97.4	97.9	98.3	98.3	98.6	98.6	98.8	99.1
GE 200	68.7	78.9	84.2	88.3	92.7	94.3	96.3	97.2	97.5	98.1	98.5	98.5	98.9	98.9	99.1	99.5
GE 100	68.7	78.9	84.2	88.4	92.7	94.3	96.3	97.2	97.6	98.1	98.6	98.6	99.0	99.1	99.2	99.8
GE 000	68.7	78.9	84.2	88.4	92.7	94.3	96.3	97.2	97.6	98.1	98.6	98.6	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	53.2	55.3	56.9	57.6	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.3	58.3	58.3	58.4
GE 20000	51.1	57.4	59.8	61.3	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.7	63.1	63.1	63.1	63.2
GE 18000	51.1	57.4	59.8	61.3	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.7	63.1	63.1	63.1	63.2
GE 16000	51.1	57.4	59.8	61.3	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.7	63.1	63.1	63.1	63.2
GE 14000	51.1	57.4	59.8	61.3	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.7	63.1	63.1	63.1	63.2
GE 12000	51.4	57.8	60.1	61.7	62.6	62.7	62.8	62.8	62.8	62.8	62.8	63.0	63.4	63.4	63.4	63.6
GE 10000	54.6	60.9	63.3	64.9	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.4	66.9	66.9	66.9	67.0
GE 9000	55.1	61.4	64.0	65.6	66.4	66.8	66.9	66.9	66.9	66.9	66.9	67.1	67.6	67.6	67.6	67.7
GE 8000	58.9	65.3	68.0	69.6	70.4	70.8	70.9	70.9	70.9	70.9	70.9	71.1	71.6	71.6	71.6	71.7
GE 7000	59.8	66.2	66.9	70.4	71.3	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.4	72.4	72.4	72.6
GE 6000	60.9	67.4	70.2	71.8	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.8	73.8	73.8	73.9
GE 5000	61.7	68.7	71.4	73.1	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.7	75.1	75.1	75.1	75.2
GE 4500	63.2	70.2	73.0	74.7	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.7	76.7	76.7	76.8
GE 4000	66.0	73.1	76.1	77.9	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.9	79.9	79.9	80.0
GE 3500	67.6	74.7	77.8	79.8	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.3	81.8	81.8	81.8	81.9
GE 3000	68.8	76.3	79.6	81.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.8	83.8	83.8	83.9
GE 2500	69.8	77.3	80.6	82.9	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.7	85.1	85.1	85.1	85.2
GE 2000	70.9	78.4	81.8	84.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.6	86.6	86.6	86.7
GE 1800	70.9	78.4	81.8	84.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.7	86.7	86.7	86.8
GE 1500	71.9	79.7	83.2	86.2	87.6	88.1	88.6	88.6	88.7	88.7	88.7	88.9	89.3	89.3	89.3	89.4
GE 1200	72.3	80.7	84.6	87.9	89.4	90.0	90.4	90.6	90.7	90.7	90.7	90.9	91.3	91.3	91.3	91.4
GE 1000	72.3	81.6	85.4	88.8	90.6	91.1	91.7	91.8	91.9	92.0	92.0	92.2	92.7	92.7	92.7	92.8
GE 900	72.4	81.8	85.7	89.1	91.1	91.8	92.3	92.4	92.6	92.7	92.7	92.9	93.3	93.3	93.3	93.4
GE 800	72.4	81.8	85.8	89.2	91.2	91.9	92.4	92.6	92.7	92.8	92.8	93.0	93.4	93.4	93.4	93.6
GE 700	72.6	82.1	86.1	89.7	91.8	92.4	93.0	93.1	93.2	93.3	93.3	93.6	94.0	94.0	94.0	94.1
GE 600	72.9	82.4	86.6	90.3	92.8	93.7	94.3	94.4	94.6	94.7	94.7	94.9	95.6	95.6	95.6	95.7
GE 500	73.0	82.8	86.9	90.7	93.2	94.2	95.3	95.8	95.9	96.0	96.0	96.2	96.9	96.9	96.9	97.0
GE 400	73.0	82.9	87.1	90.9	93.5	94.8	96.3	96.8	96.9	97.0	97.0	97.2	97.9	97.9	97.9	98.0
GE 300	73.0	82.9	87.1	90.9	93.7	94.9	96.4	97.2	97.4	97.6	97.6	97.8	98.4	98.4	98.6	98.8
GE 200	73.0	82.9	87.1	90.9	93.7	94.9	96.7	97.6	97.8	98.0	98.0	98.2	99.1	99.1	99.3	99.6
GE 100	73.0	82.9	87.1	90.9	93.7	94.9	96.7	97.6	97.8	98.0	98.0	98.2	99.2	99.2	99.7	100.0
GE 000	73.0	82.9	87.1	90.9	93.7	94.9	96.7	97.6	97.8	98.0	98.0	98.2	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	46.7	50.7	52.3	53.4	54.0	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.6	54.7
GE 20000	44.4	51.8	56.1	57.9	59.2	59.8	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.3	60.4
GE 18000	44.4	51.8	56.1	57.9	59.2	59.8	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.3	60.4
GE 16000	44.6	51.9	56.2	58.0	59.3	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.4	60.6
GE 14000	44.9	52.2	56.7	58.4	59.8	60.7	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.2	61.3
GE 12000	46.3	53.8	58.6	60.3	61.7	62.6	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	63.1	63.2
GE 10000	48.4	56.1	61.1	62.9	64.2	65.2	65.3	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.8	65.9
GE 9000	48.4	56.1	61.2	63.0	64.3	65.3	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.9	66.0
GE 8000	51.8	59.4	64.6	66.3	67.7	68.7	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.2	69.3
GE 7000	52.1	59.8	64.9	66.7	68.0	69.0	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.6	69.7
GE 6000	52.4	60.2	65.3	67.2	68.7	69.7	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.2	70.3
GE 5000	53.4	61.4	66.6	68.8	70.2	71.2	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.8	71.9
GE 4500	57.0	65.1	70.3	72.6	74.0	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.6	75.7
GE 4000	59.6	67.9	73.4	75.7	77.2	78.2	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.8	78.9
GE 3500	61.0	69.4	75.3	77.7	79.4	80.7	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.2	81.3
GE 3000	63.2	71.7	77.9	80.4	82.3	83.6	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.1	84.2
GE 2500	64.7	73.1	79.3	81.9	83.8	85.0	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.7	85.8
GE 2000	64.9	73.7	79.9	82.6	84.7	85.9	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.6	86.7
GE 1800	64.9	73.7	79.9	82.6	84.7	85.9	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.7	86.8
GE 1500	66.1	75.0	81.2	84.0	86.3	87.8	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.6	88.7
GE 1200	66.7	75.7	82.4	85.3	88.0	89.6	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.3	90.4
GE 1000	67.1	76.2	83.0	86.2	89.0	90.8	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.8	91.9
GE 900	67.2	76.6	83.3	86.6	89.4	91.6	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.6	92.7
GE 800	67.6	77.1	83.9	87.1	90.1	92.3	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.3	93.4
GE 700	67.8	77.4	84.2	87.4	90.8	93.0	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	94.1	94.2
GE 600	67.8	77.4	84.2	87.6	91.4	93.7	94.1	94.3	94.3	94.3	94.8	94.8	94.8	94.8	95.0	95.1
GE 500	67.9	77.8	84.8	88.2	92.6	94.8	95.4	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.8	96.9
GE 400	67.9	77.8	84.8	88.3	92.9	95.1	95.8	96.7	96.7	96.7	97.1	97.1	97.1	97.2	97.4	97.6
GE 300	68.0	77.9	84.9	88.4	93.0	95.2	96.1	97.3	97.3	97.3	97.8	97.8	97.9	98.0	98.2	98.3
GE 200	68.0	77.9	84.9	88.4	93.0	95.2	96.3	97.6	97.7	97.8	98.2	98.2	98.3	98.4	98.9	99.2
GE 100	68.0	77.9	84.9	88.4	93.1	95.3	96.4	97.7	97.8	98.0	98.6	98.6	98.7	98.8	99.3	100.0
GE 000	68.0	77.9	84.9	88.4	93.1	95.3	96.4	97.7	97.8	98.0	98.6	98.6	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.3	35.9	40.0	42.4	45.8	46.6	47.6	47.9	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4
GE 20000	34.0	40.1	44.9	47.6	51.3	52.1	53.3	53.7	53.9	54.0	54.2	54.2	54.2	54.2	54.4	54.4
GE 18000	34.1	40.2	45.0	47.7	51.4	52.2	53.4	53.8	54.0	54.1	54.3	54.3	54.3	54.3	54.6	54.6
GE 16000	34.1	40.2	45.0	47.7	51.4	52.2	53.4	53.8	54.0	54.1	54.3	54.3	54.3	54.3	54.6	54.6
GE 14000	34.6	40.7	45.4	48.1	51.9	52.7	53.9	54.2	54.4	54.6	54.8	54.8	54.8	54.8	55.0	55.0
GE 12000	35.2	41.3	46.2	48.9	52.7	53.4	54.7	55.0	55.2	55.3	55.6	55.6	55.6	55.6	55.8	55.8
GE 10000	38.8	46.1	51.1	53.9	58.0	59.0	60.3	60.7	60.9	61.0	61.2	61.2	61.2	61.2	61.4	61.4
GE 9000	39.3	46.8	51.9	54.7	58.8	59.8	61.1	61.4	61.7	61.8	62.0	62.0	62.0	62.0	62.2	62.2
GE 8000	43.4	50.9	56.3	59.1	63.3	64.4	65.8	66.1	66.3	66.4	66.7	66.7	66.7	66.7	66.9	66.9
GE 7000	43.6	51.2	56.8	59.6	63.8	64.9	66.2	66.7	66.9	67.0	67.2	67.2	67.2	67.2	67.4	67.4
GE 6000	43.8	51.4	57.0	59.9	64.1	65.3	66.7	67.1	67.3	67.4	67.7	67.7	67.7	67.7	67.9	67.9
GE 5000	44.4	52.1	57.7	60.8	65.0	66.2	67.6	68.0	68.2	68.3	68.6	68.6	68.6	68.6	68.8	68.8
GE 4500	46.1	54.2	59.8	62.9	67.1	68.3	69.7	70.1	70.3	70.4	70.7	70.7	70.7	70.7	70.9	70.9
GE 4000	47.8	56.3	62.2	65.3	70.1	71.3	72.7	73.2	73.4	73.6	73.8	73.8	73.8	73.8	74.0	74.0
GE 3500	50.4	59.2	65.3	68.4	73.3	74.9	76.2	76.8	77.1	77.2	77.4	77.4	77.4	77.4	77.7	77.7
GE 3000	52.4	61.9	68.0	71.2	76.3	78.0	79.3	79.9	80.2	80.3	80.6	80.6	80.6	80.6	80.8	80.8
GE 2500	53.1	62.7	68.9	72.2	77.4	79.1	80.4	81.1	81.4	81.6	81.8	81.8	81.8	81.8	82.1	82.1
GE 2000	53.2	63.4	69.8	73.2	78.7	80.3	81.7	82.3	82.7	82.8	83.0	83.0	83.0	83.0	83.3	83.3
GE 1800	53.6	64.1	70.4	74.0	79.4	81.1	82.4	83.1	83.4	83.6	83.8	83.8	83.8	83.8	84.1	84.1
GE 1500	54.1	64.9	71.3	74.9	80.7	82.3	83.7	84.3	84.8	84.9	85.1	85.1	85.1	85.1	85.4	85.4
GE 1200	54.6	65.6	72.2	76.1	82.3	84.1	85.6	86.2	86.7	86.8	87.0	87.0	87.0	87.0	87.3	87.3
GE 1000	55.1	66.2	73.1	77.1	83.4	85.7	87.1	87.8	88.3	88.4	88.7	88.7	88.7	88.7	89.0	89.0
GE 900	55.9	67.0	74.0	78.1	84.4	86.8	88.2	88.9	89.4	89.6	89.8	89.8	89.8	89.8	90.1	90.1
GE 800	56.1	67.3	74.3	78.4	85.2	87.6	89.0	89.7	90.2	90.3	90.6	90.6	90.6	90.6	90.9	90.9
GE 700	56.2	68.0	75.1	79.4	86.4	89.1	90.9	91.7	92.2	92.3	92.6	92.6	92.6	92.6	92.9	92.9
GE 600	56.3	68.1	75.2	80.0	87.4	90.2	92.1	93.0	93.7	93.8	94.0	94.0	94.0	94.0	94.3	94.3
GE 500	56.3	68.1	75.2	80.0	88.0	90.8	92.7	93.8	94.6	94.7	95.0	95.0	95.0	95.0	95.3	95.3
GE 400	56.4	68.2	75.4	80.2	88.3	91.1	93.0	94.8	95.7	95.9	96.2	96.2	96.3	96.3	96.7	96.7
GE 300	56.4	68.2	75.4	80.4	88.7	91.4	93.3	95.1	96.1	96.6	97.1	97.2	97.3	97.3	97.8	98.1
GE 200	56.4	68.2	75.4	80.4	88.7	91.4	93.3	95.1	96.1	96.7	97.3	97.7	97.9	98.0	98.4	99.1
GE 100	56.4	68.2	75.4	80.4	88.7	91.6	93.4	95.2	96.2	96.8	97.6	98.1	98.3	98.4	98.9	100.0
GE 000	56.4	68.2	75.4	80.4	88.7	91.6	93.4	95.2	96.2	96.8	97.6	98.1	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 69 - FEB 90
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.2	43.4	45.4	46.1	46.7	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.2	47.2
GE 20000	44.0	49.2	51.7	52.8	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.2	54.2
GE 18000	44.4	49.7	52.1	53.2	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.7	54.7
GE 16000	44.4	49.7	52.1	53.2	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.7	54.7
GE 14000	44.6	49.8	52.2	53.3	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.8	54.8
GE 12000	45.3	50.7	53.4	54.6	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.7	55.7	55.7	56.0	56.0
GE 10000	49.2	55.0	57.9	59.2	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.7	60.7	60.7	61.0	61.0
GE 9000	50.0	55.9	58.8	60.1	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.9	61.9
GE 8000	51.1	61.3	64.3	65.7	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.8	67.8
GE 7000	55.6	62.2	65.2	66.7	67.9	68.2	68.3	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.9	68.9
GE 6000	56.1	62.8	65.9	67.3	68.6	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.6	69.6
GE 5000	56.8	63.6	66.7	68.2	69.4	69.3	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.4	70.4
GE 4500	57.7	64.7	67.9	69.4	70.7	71.0	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.8	71.8
GE 4000	60.4	68.8	72.1	73.9	75.3	75.7	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.6	76.6
GE 3500	61.7	70.4	74.1	76.0	77.4	77.9	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.8	78.8
GE 3000	64.1	73.6	77.4	79.3	80.9	81.3	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.2	82.2
GE 2500	65.0	74.7	78.8	80.7	82.2	82.7	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.6	83.6
GE 2000	65.3	75.2	79.8	81.8	83.3	83.8	84.0	84.3	84.3	84.3	84.3	84.4	84.6	84.6	84.9	84.9
GE 1800	65.3	75.2	79.8	81.8	83.3	83.8	84.0	84.3	84.3	84.3	84.3	84.4	84.6	84.6	84.9	84.9
GE 1500	66.3	76.7	81.6	83.7	85.3	85.8	86.0	86.3	86.3	86.3	86.3	86.4	86.6	86.6	86.9	86.9
GE 1200	66.6	77.1	82.0	84.2	85.9	86.3	86.6	86.9	87.0	87.0	87.0	87.1	87.2	87.2	87.6	87.6
GE 1000	66.9	77.4	82.3	84.9	86.7	87.3	87.8	88.3	88.4	88.6	88.6	88.7	88.8	88.9	89.2	89.2
GE 900	67.3	78.0	82.9	85.4	87.4	88.7	89.2	89.8	89.9	90.0	90.0	90.1	90.2	90.3	90.7	90.7
GE 800	67.6	78.2	83.1	85.9	88.1	89.4	90.0	90.7	90.8	90.9	90.9	91.0	91.1	91.2	91.6	91.6
GE 700	67.6	78.6	83.6	86.3	89.0	90.4	91.2	91.9	92.0	92.2	92.2	92.3	92.4	92.6	92.9	92.9
GE 600	67.7	78.8	84.1	87.2	90.1	91.6	92.3	93.2	93.2	93.6	93.6	93.7	93.8	93.9	94.2	94.2
GE 500	67.8	79.0	84.6	87.7	91.2	92.8	93.8	94.8	95.0	95.7	95.7	95.8	95.9	96.0	96.3	96.3
GE 400	67.8	79.0	84.6	87.8	91.7	93.6	94.7	95.9	96.2	96.9	97.0	97.1	97.4	97.6	97.9	97.9
GE 300	67.8	79.0	84.6	87.8	91.7	93.6	95.0	96.2	96.7	97.4	97.8	97.9	98.2	98.3	98.8	98.9
GE 200	67.8	79.0	84.6	87.8	91.7	93.6	95.1	96.4	96.9	97.8	98.1	98.2	99.0	99.1	99.7	99.9
GE 100	67.8	79.0	84.6	87.8	91.7	93.6	95.1	96.4	96.9	97.8	98.1	98.2	99.0	99.1	99.7	100.0
GE 000	67.8	79.0	84.6	87.8	91.7	93.6	95.1	96.4	96.9	97.8	98.1	98.2	99.0	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	.2	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	5.4	58.9	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	56.4	58.9	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	56.6	59.0	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	57.7	60.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.0	63.7	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	61.2	64.0	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	65.7	68.6	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	66.2	69.3	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	67.4	70.7	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	69.2	72.6	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	70.1	73.6	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	73.6	77.3	78.0	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	75.8	79.8	80.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	79.0	83.1	83.9	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	80.1	84.3	85.2	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	81.1	85.9	86.9	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	81.1	86.0	87.0	87.9	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	81.7	86.8	87.9	88.9	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	81.9	87.1	88.3	89.3	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	82.0	87.2	88.7	89.7	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	82.1	87.3	88.9	89.9	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	82.3	87.6	89.3	90.3	91.8	92.4	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.9
GE 700	82.4	87.7	89.4	90.8	92.4	93.3	94.4	94.7	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.3
GE 600	82.4	87.7	89.4	91.1	93.1	94.1	95.2	95.4	95.6	96.1	96.1	96.1	96.1	96.2	96.2	96.4
GE 500	82.6	87.8	89.8	91.6	93.3	95.0	96.3	96.7	96.8	97.9	97.9	97.9	97.9	98.0	98.0	98.2
GE 400	82.6	87.8	89.8	91.6	94.0	95.3	96.8	97.4	97.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1
GE 300	82.6	87.8	89.8	91.7	94.1	95.4	96.9	98.0	98.2	99.3	99.3	99.3	99.4	99.6	99.6	99.8
GE 200	82.6	87.8	89.8	91.7	94.1	95.4	96.9	98.0	98.2	99.6	99.6	99.6	99.7	99.8	99.8	100.0
GE 100	82.6	87.8	89.8	91.7	94.1	95.4	96.9	98.0	98.2	99.6	99.6	99.6	99.7	99.8	99.8	100.0
GE 000	82.6	87.8	89.8	91.7	94.1	95.4	96.9	98.0	98.2	99.6	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	49.0	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	57.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	57.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 16000	57.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 14000	58.4	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	60.6	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	63.3	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	63.3	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	67.1	69.3	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	67.7	69.9	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	68.3	70.6	70.8	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	69.9	72.2	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	71.4	74.8	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	75.2	78.8	79.2	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	77.4	81.1	81.7	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	80.0	83.9	84.9	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	81.0	85.1	86.1	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	81.8	85.9	86.9	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	81.9	86.0	87.0	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	82.7	86.9	87.9	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	83.0	87.3	88.4	89.7	90.6	90.7	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	83.2	87.7	88.8	90.0	91.1	91.3	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	83.4	88.0	89.3	90.6	91.9	92.4	92.7	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	83.6	88.2	90.0	91.2	92.7	93.3	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	83.6	88.2	90.1	91.3	92.9	93.6	94.0	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	83.6	88.2	90.1	91.4	93.2	94.6	95.1	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0
GE 500	83.6	88.2	90.2	91.7	93.4	94.8	95.3	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.3
GE 400	83.6	88.2	90.2	91.8	93.7	95.0	95.7	96.3	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.2
GE 300	83.6	88.2	90.2	91.9	93.8	95.7	96.6	97.6	98.0	99.0	99.7	99.7	99.8	99.8	99.8	99.9
GE 200	83.6	88.2	90.2	91.9	93.8	95.7	96.6	97.6	98.0	99.0	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	83.6	88.2	90.2	91.9	93.8	95.7	96.6	97.6	98.0	99.0	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	83.6	88.2	90.2	91.9	93.8	95.7	96.6	97.6	98.0	99.0	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	51.0	51.1	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	58.8	59.2	59.3	59.6	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	58.8	59.2	59.3	59.6	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	58.8	59.2	59.3	59.6	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 14000	59.2	59.7	59.8	60.0	60.2	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	61.8	62.2	62.3	62.6	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	64.6	65.1	65.6	65.8	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	65.2	65.8	66.2	66.4	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	69.7	70.6	71.0	71.2	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
GE 7000	70.7	71.6	72.0	72.2	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
GE 6000	71.1	72.3	72.9	73.1	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
GE 5000	72.4	73.8	74.3	74.6	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 4500	74.2	75.7	76.2	76.4	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3
GE 4000	77.0	78.9	79.6	79.8	80.1	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
GE 3500	78.7	80.7	81.3	81.6	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6
GE 3000	81.0	83.1	83.8	84.1	84.6	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
GE 2500	81.9	84.2	84.9	85.2	85.7	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
GE 2000	83.2	85.6	86.8	87.1	87.9	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
GE 1800	83.3	85.7	86.9	87.2	88.0	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
GE 1500	83.9	86.3	87.6	88.0	88.8	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
GE 1200	83.9	86.4	88.1	88.6	89.6	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8
GE 1000	84.2	86.9	88.7	89.3	90.6	91.2	91.8	91.9	91.9	92.2	92.2	92.2	92.2	92.3	92.3	92.3
GE 900	84.6	87.2	89.0	89.8	91.0	91.9	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2
GE 800	84.8	87.4	89.4	90.2	91.6	92.6	93.3	93.4	93.4	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 700	85.0	87.7	89.7	90.6	91.9	93.0	94.1	94.4	94.4	94.8	94.8	94.8	94.8	94.9	94.9	94.9
GE 600	85.0	87.8	89.9	91.0	92.7	94.0	95.3	95.8	95.8	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 500	85.0	87.8	90.0	91.2	93.2	94.6	96.2	96.7	96.7	97.0	97.0	97.0	97.0	97.1	97.1	97.1
GE 400	85.0	87.8	90.0	91.2	93.3	94.9	97.0	97.4	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1
GE 300	85.0	87.8	90.0	91.4	93.6	95.4	97.8	98.3	98.4	98.9	99.0	99.0	99.0	99.1	99.2	99.2
GE 200	85.0	87.8	90.0	91.4	93.6	95.4	98.0	98.6	98.7	99.1	99.2	99.2	99.3	99.4	99.6	99.6
GE 100	85.0	87.8	90.0	91.4	93.6	95.4	98.0	98.6	98.7	99.1	99.2	99.2	99.4	99.7	99.8	99.8
GE 000	85.0	87.8	90.0	91.4	93.6	95.4	98.0	98.6	98.7	99.1	99.2	99.2	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	56.1	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	57.2	57.2	57.3	57.3	57.8	57.8
GE 20000	58.7	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.8	62.8	62.9	62.9	63.3	63.3
GE 18000	58.8	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.9	62.9	63.0	63.0	63.4	63.4
GE 16000	58.8	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.9	62.9	63.0	63.0	63.4	63.4
GE 14000	59.3	62.2	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.4	63.4	63.6	63.6	64.0	64.0
GE 12000	61.7	64.6	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.8	65.8	65.9	65.9	66.3	66.3
GE 10000	64.1	67.4	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.7	68.7	68.8	68.8	69.2	69.2
GE 9000	64.9	68.2	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.4	69.4	69.6	69.6	70.0	70.0
GE 8000	69.6	73.0	73.4	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.6	74.6	74.7	74.7	75.1	75.1
GE 7000	70.9	74.3	75.1	75.4	75.4	75.8	75.8	75.8	75.8	75.8	76.2	76.2	76.3	76.3	76.8	76.8
GE 6000	71.4	75.2	76.2	76.6	76.6	76.9	76.9	76.9	76.9	76.9	77.3	77.3	77.6	77.6	78.0	78.0
GE 5000	72.2	76.4	77.4	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.6	78.6	78.8	78.8	79.2	79.2
GE 4500	73.1	77.3	78.4	78.8	79.9	79.2	79.2	79.2	79.2	79.2	79.7	79.7	79.9	79.9	80.3	80.3
GE 4000	74.7	79.0	80.3	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.6	81.6	81.8	81.8	82.2	82.2
GE 3500	76.3	80.8	82.2	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.7	83.7	83.9	83.9	84.3	84.3
GE 3000	78.0	82.8	84.2	84.9	85.1	85.4	85.4	85.6	85.6	85.6	86.0	86.0	86.2	86.2	86.7	86.7
GE 2500	78.3	83.1	84.6	85.2	85.4	85.8	85.8	85.9	85.9	85.9	86.3	86.3	86.6	86.6	87.0	87.0
GE 2000	79.6	84.4	86.1	87.0	87.3	87.7	87.8	87.9	87.9	87.9	88.3	88.3	88.6	88.6	89.0	89.0
GE 1800	79.6	84.4	86.2	87.1	87.4	87.8	87.9	88.0	88.0	88.0	88.4	88.4	88.7	88.7	89.1	89.1
GE 1500	80.1	85.2	87.0	88.0	88.4	88.9	89.0	89.1	89.1	89.1	89.6	89.6	89.8	89.8	90.2	90.2
GE 1200	80.4	85.9	88.1	89.4	89.9	90.3	90.4	90.6	90.6	90.6	91.0	91.0	91.2	91.2	91.7	91.7
GE 1000	80.7	86.2	88.6	90.2	91.0	91.6	91.7	91.8	91.8	92.1	92.6	92.6	92.8	92.8	93.2	93.2
GE 900	80.7	86.3	88.8	90.4	91.2	91.8	92.0	92.1	92.1	92.4	92.9	92.9	93.1	93.1	93.6	93.6
GE 800	80.7	86.3	88.8	90.4	91.2	92.0	92.2	92.3	92.3	92.7	93.1	93.1	93.3	93.3	93.8	93.8
GE 700	80.8	86.4	89.0	90.9	91.8	92.7	93.1	93.2	93.2	93.6	94.0	94.0	94.2	94.2	94.7	94.7
GE 600	80.8	86.6	89.2	91.3	92.9	94.1	94.7	94.8	94.9	95.2	95.7	95.7	95.9	95.9	96.3	96.3
GE 500	80.8	86.7	89.4	91.9	93.6	94.9	95.4	95.8	95.9	96.2	96.7	96.7	96.9	96.9	97.3	97.3
GE 400	80.8	86.9	89.8	92.2	94.0	95.8	96.8	97.2	97.6	97.9	98.3	98.3	98.6	98.6	99.1	99.1
GE 300	80.8	86.9	89.8	92.2	94.0	95.8	96.8	97.4	97.8	98.2	98.7	98.7	98.9	98.9	99.4	99.4
GE 200	80.8	86.9	89.8	92.2	94.0	95.9	97.2	97.9	98.2	98.7	99.1	99.1	99.3	99.3	99.9	99.9
GE 100	80.8	86.9	89.8	92.2	94.0	95.9	97.2	97.9	98.2	98.7	99.1	99.1	99.3	99.3	99.9	99.9
GE 000	80.8	86.9	89.8	92.2	94.0	95.9	97.2	97.9	98.2	98.7	99.1	99.1	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	48.2	49.8	50.7	51.4	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.2	52.3
GE 20000	50.6	54.7	56.5	57.5	58.4	58.7	58.9	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.3	59.4
GE 18000	50.8	54.8	56.6	57.6	58.5	58.8	59.0	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.4	59.5
GE 16000	50.8	54.8	56.7	57.7	58.5	58.8	59.0	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.5	59.5
GE 14000	51.1	55.1	57.0	58.0	58.9	59.2	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.9
GE 12000	52.5	56.6	58.6	59.6	60.4	60.7	60.9	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.4	61.4
GE 10000	55.5	59.9	62.0	63.1	64.0	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.9	64.9	65.1	65.1
GE 9000	55.9	60.5	62.6	63.6	64.6	64.9	65.2	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.7
GE 8000	60.2	64.8	67.0	68.1	69.1	69.5	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.3	70.3
GE 7000	60.8	65.6	67.8	69.0	70.0	70.4	70.6	70.7	70.7	70.7	70.8	70.9	71.0	71.0	71.1	71.2
GE 6000	61.4	66.3	68.7	69.9	70.9	71.3	71.6	71.6	71.7	71.7	71.8	71.8	71.9	71.9	72.1	72.1
GE 5000	62.5	67.6	70.0	71.3	72.3	72.7	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.5	73.5
GE 4500	64.1	69.4	71.9	73.2	74.2	74.7	74.9	75.0	75.0	75.0	75.2	75.2	75.3	75.3	75.4	75.5
GE 4000	66.8	72.5	75.1	76.5	77.7	78.1	78.4	78.5	78.5	78.5	78.6	78.7	78.8	78.8	78.9	79.0
GE 3500	68.6	74.5	77.3	78.7	80.0	80.5	80.8	80.9	80.9	80.9	81.0	81.1	81.2	81.2	81.3	81.4
GE 3000	70.8	77.0	80.0	81.5	82.8	83.4	83.7	83.8	83.8	83.8	84.0	84.0	84.1	84.1	84.3	84.3
GE 2500	71.7	78.1	81.0	82.6	84.0	84.6	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.5	85.5
GE 2000	72.5	79.1	82.2	83.9	85.4	86.0	86.3	86.4	86.5	86.5	86.6	86.7	86.8	86.8	86.9	87.0
GE 1800	72.6	79.2	82.4	84.1	85.6	86.2	86.5	86.6	86.7	86.7	86.8	86.9	87.0	87.0	87.1	87.2
GE 1500	73.3	80.2	83.5	85.3	87.0	87.6	88.0	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.7	88.7
GE 1200	73.7	80.7	84.3	86.3	88.2	88.9	89.3	89.5	89.5	89.6	89.7	89.7	89.8	89.8	90.0	90.0
GE 1000	73.9	81.2	84.8	87.0	89.1	90.0	90.5	90.7	90.8	90.9	91.1	91.1	91.2	91.2	91.4	91.4
GE 900	74.2	81.5	85.2	87.5	89.7	90.8	91.3	91.6	91.7	91.8	92.0	92.0	92.1	92.1	92.3	92.3
GE 800	74.4	81.8	85.6	87.9	90.2	91.4	92.1	92.4	92.5	92.6	92.7	92.8	92.9	92.9	93.1	93.1
GE 700	74.5	82.0	85.9	88.3	90.9	92.2	93.0	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.2	94.2
GE 600	74.6	82.1	86.1	88.8	91.7	93.2	94.2	94.6	94.7	94.9	95.1	95.1	95.3	95.3	95.5	95.5
GE 500	74.6	82.3	86.4	89.1	92.4	94.0	95.1	95.7	95.8	96.2	96.4	96.4	96.5	96.6	96.8	96.8
GE 400	74.6	82.3	86.5	89.3	92.7	94.4	95.8	96.6	96.9	97.3	97.6	97.6	97.8	97.8	98.0	98.1
GE 300	74.6	82.3	86.5	89.3	92.8	94.7	96.1	97.2	97.5	98.0	98.4	98.4	98.6	98.7	98.9	99.1
GE 200	74.6	82.3	86.5	89.3	92.8	94.7	96.3	97.3	97.7	98.3	98.7	98.7	99.1	99.1	99.4	99.7
GE 100	74.6	82.3	86.5	89.3	92.8	94.7	96.3	97.4	97.7	98.4	98.7	98.8	99.2	99.3	99.6	100.0
GE 000	74.6	82.3	86.5	89.3	92.8	94.7	96.3	97.4	97.7	98.4	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	46.7	48.9	49.9	50.8	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	48.5	51.6	54.0	54.9	55.8	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	48.8	51.9	54.3	55.3	56.1	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	48.8	51.9	54.3	55.3	56.1	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	48.9	52.0	54.4	55.4	56.2	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	49.9	53.0	55.4	56.5	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	54.6	58.3	61.1	62.2	63.2	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	55.6	59.6	62.4	63.4	64.5	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	63.1	67.4	70.4	71.5	72.6	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	63.4	67.7	70.8	71.8	73.1	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	64.4	68.7	71.8	73.1	74.5	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	66.5	70.8	73.9	75.2	76.6	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	68.7	73.0	76.2	77.5	79.0	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	70.9	75.7	79.0	80.3	81.9	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	72.2	77.2	80.5	81.9	83.7	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	73.8	79.1	82.5	83.9	85.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	74.6	80.2	83.8	85.2	87.1	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	74.7	80.3	83.9	85.3	87.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	75.1	80.6	84.2	85.6	87.5	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	75.4	81.1	84.7	86.1	88.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	75.9	81.6	85.3	86.7	89.0	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	76.8	82.8	86.6	88.1	90.1	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	76.8	82.8	86.6	88.1	90.4	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	76.8	82.8	86.7	88.4	90.8	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	76.8	82.8	86.9	88.8	91.4	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	76.8	82.9	86.9	89.2	92.3	93.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.5	94.5	94.5
GE 500	76.9	82.9	87.0	89.6	92.8	93.8	94.7	94.7	94.7	94.8	95.2	95.2	95.6	95.6	95.6	95.6
GE 400	76.9	82.9	87.0	89.6	92.9	94.2	95.3	95.3	95.3	95.4	95.7	95.7	96.1	96.1	96.1	96.1
GE 300	77.1	83.1	87.2	89.8	93.3	94.9	96.2	96.2	96.2	96.5	96.8	96.8	97.5	97.5	97.7	97.7
GE 200	77.1	83.1	87.2	89.8	93.3	94.9	96.2	96.2	96.2	96.5	97.0	97.0	97.8	98.0	98.4	98.8
GE 100	77.1	83.1	87.2	89.8	93.3	94.9	96.2	96.2	96.2	96.5	97.0	97.0	98.2	98.5	98.9	99.4
GE 000	77.1	83.1	87.2	89.8	93.3	94.9	96.2	96.2	96.2	96.5	97.0	97.0	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.9	43.8	45.9	48.6	49.2	49.8	50.0	50.0	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.5
GE 20000	45.1	48.1	50.4	53.1	53.8	54.5	54.7	54.7	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.3
GE 18000	45.1	48.2	50.5	53.2	53.9	54.6	54.8	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.4
GE 16000	45.1	48.2	50.5	53.2	53.9	54.6	54.8	54.8	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.4
GE 14000	45.5	48.6	51.0	53.7	54.3	55.1	55.3	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.8
GE 12000	46.3	49.5	51.8	54.8	55.5	56.2	56.5	56.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	57.0
GE 10000	52.2	55.5	58.2	61.4	62.2	62.9	63.1	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.7
GE 9000	52.8	56.1	58.8	62.0	62.8	63.5	63.8	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.3
GE 8000	60.2	64.0	66.7	70.0	71.0	71.7	71.9	71.9	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.5
GE 7000	60.8	64.5	67.2	70.5	71.5	72.3	72.5	72.5	72.5	72.6	72.8	72.8	72.8	72.8	72.8	73.0
GE 6000	61.1	64.8	67.5	70.9	71.8	72.6	72.8	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.3
GE 5000	63.0	66.8	69.5	72.8	73.9	74.6	74.8	74.8	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.4
GE 4500	65.5	69.6	72.4	75.7	76.9	77.6	77.8	77.8	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.4
GE 4000	68.2	72.4	75.2	78.5	79.8	80.5	80.8	80.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.3
GE 3500	69.4	73.9	76.9	80.3	81.6	82.4	82.6	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	83.1
GE 3000	70.9	75.8	79.0	82.6	84.2	84.9	85.2	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.7
GE 2500	71.1	76.1	79.4	83.0	84.6	85.4	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	86.1
GE 2000	71.7	77.2	80.4	84.2	85.8	86.6	86.8	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.3
GE 1800	71.9	77.4	80.6	84.4	86.0	86.8	87.0	87.0	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.5
GE 1500	72.6	78.4	82.0	86.1	87.7	88.6	88.8	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.4
GE 1200	73.0	79.2	82.9	87.0	88.7	89.6	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.3
GE 1000	73.1	79.8	83.5	87.7	89.5	90.3	90.6	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.5
GE 900	73.3	80.1	84.0	88.3	90.0	90.9	91.2	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	92.0
GE 800	73.5	80.3	84.2	88.5	90.2	91.1	91.5	91.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.4
GE 700	73.9	80.8	84.7	89.1	90.9	91.8	92.5	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.3
GE 600	74.1	81.0	85.2	89.9	92.2	93.1	93.8	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.7
GE 500	74.1	81.1	85.4	90.3	92.7	93.7	94.4	94.7	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.6
GE 400	74.1	81.1	85.4	90.5	93.1	94.1	95.1	95.4	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.2
GE 300	74.1	81.1	85.4	90.6	93.3	94.3	95.3	95.6	95.8	96.3	96.7	96.7	96.9	96.9	97.2	97.4
GE 200	74.1	81.2	85.5	90.8	93.5	94.5	95.6	96.0	96.2	96.8	97.6	97.6	98.0	98.0	98.3	98.6
GE 100	74.1	81.2	85.5	90.8	93.5	94.5	95.6	96.0	96.2	96.8	97.6	97.6	98.0	98.0	98.4	99.1
GE 000	74.1	81.2	85.5	90.8	93.5	94.5	95.6	96.0	96.2	96.8	97.6	97.6	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	41.8	44.4	46.6	48.4	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.5
GE 20000	41.2	45.9	48.5	50.9	53.0	53.4	53.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.5
GE 18000	41.2	46.0	48.6	51.0	53.1	53.5	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.6
GE 16000	41.2	46.0	48.6	51.0	53.1	53.5	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.6
GE 14000	41.6	46.5	49.0	51.5	53.7	54.1	54.3	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	55.2
GE 12000	42.7	47.5	50.3	52.8	54.9	55.5	55.7	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.6
GE 10000	46.7	51.9	55.1	57.5	59.9	60.4	60.6	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.5
GE 9000	47.6	53.0	56.2	58.8	61.3	61.8	62.0	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.9
GE 8000	54.3	60.1	63.4	66.2	68.8	69.4	69.6	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.4
GE 7000	55.1	60.9	64.2	67.0	69.6	70.1	70.3	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	71.2
GE 6000	55.8	61.6	64.9	67.7	70.3	70.9	71.1	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.9
GE 5000	57.0	62.8	66.1	69.0	71.6	72.3	72.5	72.6	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.4
GE 4500	58.6	64.9	68.6	71.6	74.2	74.8	75.1	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	76.0
GE 4000	60.1	67.1	71.1	74.4	77.0	77.6	77.8	78.0	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.8
GE 3500	62.0	69.1	73.1	76.5	79.0	79.7	80.0	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	81.0
GE 3000	64.3	72.3	76.7	80.2	82.8	83.4	83.8	83.9	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.7
GE 2500	64.5	72.7	77.2	80.8	83.4	84.1	84.4	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	85.4
GE 2000	64.6	73.1	77.6	81.3	84.4	85.1	85.4	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.3
GE 1800	64.9	73.4	78.0	81.6	84.7	85.4	85.7	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.7
GE 1500	65.2	73.7	78.4	82.0	85.3	85.9	86.2	86.3	86.5	86.7	86.7	86.7	86.8	86.8	86.8	87.2
GE 1200	65.3	73.8	78.6	82.3	85.5	86.1	86.6	86.7	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.5
GE 1000	65.7	74.4	79.2	82.9	86.2	86.9	87.4	87.8	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.7
GE 900	65.8	74.6	79.7	83.4	86.8	87.5	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.4
GE 800	66.1	74.9	80.0	83.9	87.2	88.0	88.5	88.9	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.8
GE 700	66.2	75.4	80.5	84.5	88.1	88.9	89.7	90.1	90.2	90.5	90.5	90.5	90.6	90.6	90.6	91.1
GE 600	66.3	75.6	80.8	84.7	88.5	89.4	90.3	90.8	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.8
GE 500	66.6	75.9	81.1	85.1	89.1	90.2	91.5	92.3	92.4	92.8	93.1	93.1	93.2	93.2	93.2	93.7
GE 400	66.8	76.2	81.4	85.8	89.9	91.1	92.7	93.5	93.8	94.4	94.8	94.8	94.9	94.9	94.9	95.4
GE 300	66.8	76.2	81.4	85.8	89.9	91.1	92.7	94.2	94.4	95.4	95.9	95.9	96.5	96.5	96.6	97.0
GE 200	66.8	76.2	81.4	85.8	89.9	91.1	92.8	94.5	95.1	96.0	96.7	96.7	97.5	97.5	98.1	98.7
GE 100	66.8	76.2	81.4	85.8	89.9	91.1	92.8	94.5	95.1	96.0	96.7	96.7	97.6	97.6	98.2	99.4
GE 000	66.8	76.2	81.4	85.8	89.9	91.1	92.8	94.5	95.1	96.0	96.7	96.7	97.6	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	38.9	39.9	40.5	41.3	41.4	41.4	41.4	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	44.8	49.0	50.8	51.7	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	44.9	49.1	50.9	51.8	52.8	52.9	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	44.9	49.1	50.9	51.8	52.8	52.9	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	45.3	49.6	51.3	52.4	53.4	53.5	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	45.9	50.4	52.4	53.4	54.5	54.6	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	50.3	55.5	57.6	58.7	59.8	59.9	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	50.9	56.2	58.6	59.9	61.0	61.1	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	56.8	62.5	64.8	66.3	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	58.3	64.2	66.6	68.1	69.1	69.2	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	58.8	64.7	67.2	68.7	69.8	69.9	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	60.1	66.0	68.5	70.1	71.3	71.4	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	61.4	67.7	70.5	72.2	73.4	73.5	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	63.3	70.0	73.3	75.1	76.5	76.6	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	64.5	71.5	75.2	77.0	78.4	78.5	78.7	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	66.1	74.4	78.5	80.4	82.2	82.3	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	66.9	75.5	79.8	81.8	83.5	83.7	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	67.6	76.6	81.1	83.1	84.8	84.9	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	67.7	76.7	81.2	83.2	84.9	85.1	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	68.4	77.4	82.2	84.2	86.0	86.1	86.5	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	68.6	77.7	82.7	84.8	86.9	87.0	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	68.7	78.3	83.2	85.4	87.4	87.6	88.0	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 900	68.7	78.5	83.5	85.7	87.7	88.0	88.3	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	68.7	78.5	83.7	86.0	88.1	88.6	89.1	89.1	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	68.8	78.6	83.9	86.2	88.4	88.9	89.5	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	68.8	78.6	84.0	86.6	88.7	89.4	90.0	90.1	90.2	90.6	90.8	90.9	91.0	91.0	91.0	91.0
GE 500	69.0	79.0	84.6	87.4	90.0	91.0	92.2	92.8	93.2	93.7	94.3	94.4	94.7	94.7	94.7	94.7
GE 400	69.0	79.1	84.7	87.6	90.5	91.5	92.7	93.7	94.5	95.2	96.1	96.2	96.7	96.8	96.8	96.8
GE 300	69.0	79.1	84.7	87.6	90.5	91.6	92.8	94.1	95.1	96.0	97.5	97.6	98.1	98.3	98.3	98.3
GE 200	69.0	79.1	84.7	87.6	90.5	91.6	92.8	94.1	95.2	96.6	98.2	98.3	99.0	99.2	99.4	99.4
GE 100	69.0	79.1	84.7	87.6	90.5	91.6	92.8	94.1	95.2	96.6	98.2	98.3	99.0	99.2	99.4	99.8
GE 000	69.0	79.1	84.7	87.6	90.5	91.6	92.8	94.1	95.2	96.6	98.2	98.3	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	42.5	42.5	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 20000	52.7	54.3	54.4	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	52.8	54.4	54.5	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	52.8	54.4	54.5	54.8	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	53.8	55.4	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	54.9	56.6	56.7	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	59.5	62.0	62.2	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	60.2	63.0	63.1	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	65.4	68.8	68.9	69.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	67.2	70.6	70.8	71.3	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	68.4	71.9	72.0	72.6	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	69.1	72.9	73.0	73.5	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	70.2	74.3	74.4	74.9	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	72.5	77.0	77.1	77.6	77.8	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	74.7	79.6	79.9	80.4	80.6	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	76.8	82.2	82.6	83.1	83.5	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	77.2	82.6	83.1	83.9	84.3	84.6	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	78.8	84.3	84.8	85.8	86.5	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	78.9	84.4	84.9	85.9	86.6	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	79.2	84.7	85.6	86.6	87.2	87.5	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	79.4	85.1	86.0	87.1	88.0	88.5	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	79.5	85.5	86.6	87.7	88.7	89.5	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	79.6	85.7	86.8	88.2	89.2	90.0	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	79.7	85.8	87.2	88.7	90.1	91.0	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	80.1	86.6	88.2	89.8	91.2	92.2	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	80.1	86.6	88.2	89.8	91.4	92.4	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	80.1	86.8	88.4	90.3	92.0	93.1	94.3	94.6	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	80.1	86.8	88.4	90.3	92.5	93.8	95.8	96.2	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	80.1	86.8	88.4	90.3	92.5	93.9	96.0	96.5	97.4	98.1	98.2	98.2	98.3	98.3	98.4	98.4
GE 200	80.1	86.8	88.4	90.3	92.6	94.0	96.1	96.8	97.7	98.7	98.8	98.8	99.6	99.6	99.9	99.9
GE 100	80.1	86.8	88.4	90.3	92.6	94.0	96.1	96.8	97.7	98.8	98.9	98.9	99.7	99.7	100.0	100.0
GE 000	80.1	86.8	88.4	90.3	92.6	94.0	96.1	96.8	97.7	98.8	98.9	98.9	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.8	43.5	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	52.2	53.0	53.5	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	52.3	53.4	54.0	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	52.3	53.4	54.0	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 14000	54.3	55.5	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	56.8	58.1	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	60.8	62.9	63.4	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	61.8	64.0	64.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	67.6	70.2	70.8	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	68.7	71.5	72.0	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	69.2	72.0	72.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	71.3	74.1	74.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	73.2	76.2	77.0	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	74.4	77.7	78.5	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	77.2	81.1	81.8	82.9	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	79.1	83.5	84.4	85.5	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	79.8	84.6	85.5	86.8	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	80.3	85.3	86.2	87.6	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	80.3	85.3	86.2	87.6	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	80.6	85.8	86.9	88.4	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	80.6	85.9	87.0	88.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	81.0	86.5	87.5	89.4	90.3	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	81.0	86.5	87.5	89.4	90.3	90.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	81.0	86.7	87.7	89.8	91.0	91.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	81.2	87.3	88.4	90.4	91.7	92.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	81.2	87.4	88.5	90.5	92.0	92.5	93.8	94.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	81.2	87.4	88.6	90.6	92.4	92.8	94.6	94.9	95.3	95.8	96.2	96.2	96.3	96.3	96.3	96.3
GE 400	81.2	87.4	89.0	91.2	93.1	93.5	95.7	96.3	96.9	97.6	98.4	98.4	98.5	98.5	98.5	98.5
GE 300	81.2	87.4	89.0	91.2	93.1	93.5	95.7	96.3	96.9	97.7	98.5	98.5	98.9	98.9	98.9	98.9
GE 200	81.2	87.4	89.0	91.2	93.1	93.5	95.7	96.3	96.9	97.8	98.6	98.6	99.7	99.8	99.8	99.9
GE 100	81.2	87.4	89.0	91.2	93.1	93.5	95.7	96.3	96.9	97.8	98.6	98.6	99.7	99.8	99.9	100.0
GE 000	81.2	87.4	89.0	91.2	93.1	93.5	95.7	96.3	96.9	97.8	98.6	98.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	48.8	49.0	49.4	49.7	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.1
GE 20000	54.6	55.8	56.0	56.3	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.2
GE 18000	54.6	55.8	56.0	56.3	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.2
GE 16000	54.6	55.8	56.0	56.3	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.2
GE 14000	56.0	57.2	57.4	57.7	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6
GE 12000	57.6	58.8	59.0	59.4	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.2
GE 10000	61.9	63.4	63.9	64.4	64.9	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 9000	62.9	64.4	64.9	65.5	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.5
GE 8000	69.6	71.4	72.0	72.6	73.1	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.7
GE 7000	70.5	72.4	73.0	73.5	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6
GE 6000	71.2	73.0	73.8	74.4	74.9	74.9	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.5
GE 5000	73.0	74.9	75.7	76.3	76.9	76.9	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4
GE 4500	75.3	76.0	78.8	79.5	80.1	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.6
GE 4000	77.0	80.0	81.1	81.7	82.4	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
GE 3500	78.5	81.5	82.7	83.3	84.0	84.1	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8
GE 3000	80.0	83.0	84.2	84.8	85.5	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3
GE 2500	80.8	83.8	85.2	85.8	86.5	86.6	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.3
GE 2000	80.9	83.9	85.5	86.2	87.2	87.3	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.1
GE 1800	81.3	84.4	86.0	86.8	87.7	87.8	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 1500	81.9	85.6	87.4	88.2	89.2	89.4	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.2
GE 1200	82.0	85.9	87.7	88.6	89.7	89.8	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 1000	82.4	86.2	88.1	88.9	90.0	90.1	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3
GE 900	82.4	86.6	88.5	89.5	90.5	90.6	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.9
GE 800	82.6	86.8	88.7	90.0	91.2	91.3	91.7	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.8
GE 700	82.6	87.0	88.9	90.2	91.5	91.6	92.3	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
GE 600	82.7	87.1	89.1	90.4	91.7	91.9	92.7	93.7	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.3
GE 500	82.8	87.3	89.4	90.8	92.2	92.4	93.1	94.1	94.2	94.4	94.6	94.6	94.9	95.2	95.2	95.4
GE 400	82.8	87.3	89.6	91.2	92.7	93.0	94.0	95.5	95.6	95.8	96.0	96.0	96.5	96.7	96.7	96.9
GE 300	82.8	87.3	89.7	91.3	92.8	93.1	94.4	96.2	96.3	96.6	97.0	97.0	97.6	98.0	98.0	98.2
GE 200	82.8	87.3	89.7	91.3	92.8	93.1	94.6	96.6	96.8	97.1	97.5	97.5	98.2	98.8	98.9	99.5
GE 100	82.8	87.3	89.7	91.3	92.8	93.1	94.6	96.6	96.8	97.1	97.5	97.5	98.4	99.0	99.2	100.0
GE 000	82.8	87.3	89.7	91.3	92.8	93.1	94.6	96.6	96.8	97.1	97.5	97.5	98.4	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	47.4	48.9	49.6	50.0	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.8	50.8	50.8	50.8
GE 20000	52.3	53.3	54.9	55.7	56.1	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	56.9
GE 18000	52.4	53.5	55.2	55.9	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1
GE 16000	52.4	53.5	55.2	55.9	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1
GE 14000	52.9	54.2	55.8	56.6	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7
GE 12000	55.1	56.3	58.0	58.7	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0
GE 10000	58.5	60.2	62.0	62.9	63.7	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.7
GE 9000	59.0	60.9	62.7	63.5	64.3	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4
GE 8000	65.7	67.7	69.8	70.6	71.5	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.6
GE 7000	66.3	68.5	70.6	71.5	72.4	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4
GE 6000	67.1	69.2	71.4	72.5	73.3	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.4
GE 5000	69.8	72.3	74.4	75.5	76.3	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4
GE 4500	72.8	75.5	77.6	78.7	79.6	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6
GE 4000	74.6	78.0	80.2	81.4	82.4	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.4
GE 3500	75.8	79.5	81.7	82.9	83.9	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9
GE 3000	77.4	81.3	83.5	84.8	85.8	85.9	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.1	87.1
GE 2500	78.4	82.3	84.7	86.0	87.1	87.2	87.8	88.0	88.0	88.1	88.1	88.1	88.4	88.4	88.4	88.4
GE 2000	78.9	83.0	85.5	86.8	88.2	88.3	88.9	89.1	89.1	89.2	89.2	89.2	89.6	89.6	89.6	89.6
GE 1800	78.9	83.0	85.5	86.8	88.2	88.3	88.9	89.1	89.1	89.2	89.2	89.2	89.6	89.6	89.6	89.6
GE 1500	79.9	84.2	86.7	88.0	89.7	89.8	90.4	90.6	90.6	90.8	90.8	90.8	91.1	91.1	91.1	91.1
GE 1200	80.3	84.6	87.2	88.5	90.2	90.3	91.1	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 1000	80.6	85.2	87.7	89.0	90.8	90.9	91.6	91.8	91.8	91.9	91.9	91.9	92.3	92.3	92.3	92.3
GE 900	80.9	85.5	88.2	89.5	91.2	91.3	92.0	92.3	92.3	92.4	92.4	92.4	92.7	92.7	92.7	92.7
GE 800	81.0	85.6	88.3	89.6	91.5	91.7	92.5	92.7	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1
GE 700	81.0	85.6	88.3	89.6	91.5	91.7	93.0	93.2	93.2	93.3	93.3	93.3	93.7	93.7	93.7	93.7
GE 600	81.0	85.6	88.4	89.7	91.6	91.9	93.2	93.5	93.5	93.8	94.0	94.0	94.4	94.4	94.4	94.4
GE 500	81.0	85.6	88.6	90.0	92.3	92.7	94.2	94.5	94.5	94.7	95.1	95.1	95.5	95.5	95.5	95.5
GE 400	81.0	85.6	88.6	90.0	92.3	92.7	94.4	94.9	94.9	95.2	95.5	95.5	96.0	96.0	96.0	96.0
GE 300	81.0	85.6	88.7	90.1	92.8	93.8	95.5	96.2	96.2	96.5	96.9	96.9	97.6	97.7	98.2	98.2
GE 200	81.0	85.6	88.7	90.1	92.8	93.8	95.5	96.3	96.3	96.6	97.1	97.1	98.1	98.3	99.0	99.5
GE 100	81.0	85.6	88.7	90.1	92.8	93.8	95.5	96.3	96.3	96.6	97.1	97.1	98.3	98.5	99.2	99.8
GE 000	81.0	85.6	88.7	90.1	92.8	93.8	95.5	96.3	96.3	96.6	97.1	97.1	98.3	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	44.2	45.4	46.4	47.0	47.2	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6
GE 20000	48.9	51.4	52.8	53.9	54.6	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
GE 18000	49.0	51.6	53.0	54.1	54.8	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5
GE 16000	49.0	51.6	53.0	54.1	54.8	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5
GE 14000	49.8	52.4	53.8	54.9	55.7	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 12000	51.2	53.8	55.3	56.5	57.2	57.4	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.9
GE 10000	55.6	58.7	60.4	61.7	62.6	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3
GE 9000	56.4	59.7	61.4	62.8	63.6	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4
GE 8000	62.8	66.5	68.4	69.8	70.8	71.0	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
GE 7000	63.8	67.5	69.4	70.8	71.8	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 6000	64.5	68.3	70.2	71.7	72.7	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5
GE 5000	66.2	70.1	72.0	73.5	74.6	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4
GE 4500	68.2	72.4	74.4	76.0	77.1	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0
GE 4000	70.1	74.7	76.9	78.6	79.7	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 3500	71.8	76.7	79.0	80.7	81.8	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8
GE 3000	73.5	79.0	81.4	83.2	84.5	84.8	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.6
GE 2500	74.2	79.7	82.3	84.2	85.5	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6
GE 2000	74.7	80.5	83.1	85.0	86.5	86.9	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
GE 1800	74.9	80.7	83.3	85.2	86.7	87.1	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1500	75.4	81.4	84.2	86.2	87.8	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.0
GE 1200	75.6	81.7	84.7	86.7	88.5	88.8	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7
GE 1000	76.0	82.3	85.3	87.4	89.2	89.6	90.1	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.7
GE 900	76.0	82.5	85.6	87.7	89.5	90.0	90.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1
GE 800	76.2	82.7	85.8	88.1	90.0	90.6	91.2	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8
GE 700	76.3	83.0	86.2	88.6	90.6	91.2	92.0	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.7
GE 600	76.4	83.1	86.4	88.9	91.0	91.7	92.7	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.6
GE 500	76.5	83.3	86.6	89.3	91.7	92.4	93.6	94.1	94.3	94.6	94.9	94.9	95.2	95.2	95.2	95.3
GE 400	76.5	83.3	86.8	89.5	92.1	93.0	94.4	95.1	95.4	95.8	96.3	96.3	96.5	96.6	96.6	96.7
GE 300	76.5	83.3	86.8	89.6	92.3	93.3	94.8	95.7	96.0	96.6	97.2	97.2	97.7	97.8	97.9	98.0
GE 200	76.5	83.3	86.8	89.6	92.3	93.3	94.9	95.9	96.3	97.0	97.7	97.7	98.5	98.6	99.0	99.3
GE 100	76.5	83.3	86.8	89.6	92.3	93.3	94.9	95.9	96.3	97.0	97.7	97.7	98.6	98.8	99.2	99.7
GE 000	76.5	83.3	86.8	89.6	92.3	93.3	94.9	95.9	96.3	97.0	97.7	97.7	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	46.6	49.2	50.7	51.8	52.0	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7
GE 20000	47.2	53.6	56.8	58.6	59.9	60.1	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8
GE 18000	47.3	53.8	56.9	58.7	60.0	60.3	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0
GE 16000	47.4	53.8	57.0	58.7	60.0	60.3	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0
GE 14000	47.6	54.1	57.3	59.1	60.4	60.7	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
GE 12000	48.6	55.2	58.5	60.3	61.6	61.9	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6
GE 10000	52.1	59.4	63.0	65.0	66.5	66.8	67.2	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.6
GE 9000	52.6	60.0	63.7	65.7	67.2	67.5	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3
GE 8000	56.6	64.5	68.5	70.6	72.2	72.6	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5
GE 7000	57.3	65.4	69.4	71.7	73.3	73.6	74.1	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6
GE 6000	57.6	66.0	70.1	72.4	74.0	74.4	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.4
GE 5000	59.1	67.5	71.7	74.0	75.7	76.1	76.6	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.1
GE 4500	60.5	69.1	73.4	75.8	77.5	77.9	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.9	78.9
GE 4000	62.5	71.4	76.1	78.6	80.5	80.9	81.4	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.0
GE 3500	64.1	73.3	78.0	80.7	82.7	83.1	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2	84.2
GE 3000	65.6	75.2	80.2	83.1	85.2	85.6	86.2	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.8	86.8
GE 2500	66.2	76.0	81.2	84.1	86.2	86.7	87.3	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	88.0
GE 2000	66.8	76.8	82.1	85.1	87.4	87.9	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.2
GE 1800	67.0	77.0	82.3	85.4	87.6	88.2	88.8	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.5	89.5
GE 1500	67.5	77.8	83.3	86.5	88.9	89.5	90.2	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.9
GE 1200	67.8	78.3	83.9	87.3	89.9	90.5	91.3	91.5	91.6	91.7	91.8	91.8	91.9	91.9	92.0	92.0
GE 1000	68.1	78.8	84.6	88.2	90.9	91.7	92.5	92.6	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 900	68.2	79.0	84.9	88.6	91.5	92.3	93.2	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0
GE 800	68.3	79.1	85.1	88.9	92.0	92.9	93.9	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8
GE 700	68.3	79.3	85.4	89.4	92.6	93.6	94.7	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7
GE 600	68.4	79.4	85.6	89.6	93.1	94.1	95.3	95.8	95.9	96.1	96.3	96.3	96.4	96.4	96.5	96.5
GE 500	68.4	79.5	85.7	89.9	93.5	94.7	96.0	96.6	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.6
GE 400	68.4	79.5	85.8	90.0	93.8	95.0	96.5	97.2	97.5	97.8	98.0	98.1	98.2	98.3	98.3	98.4
GE 300	68.4	79.5	85.8	90.0	93.9	95.1	96.8	97.6	97.9	98.3	98.6	98.7	98.8	98.9	99.0	99.2
GE 200	68.4	79.5	85.8	90.0	93.9	95.2	96.8	97.7	98.0	98.5	98.8	98.9	99.2	99.3	99.4	99.6
GE 100	68.4	79.5	85.8	90.0	93.9	95.2	96.8	97.7	98.0	98.5	98.9	98.9	99.3	99.4	99.6	99.9
GE 000	68.4	79.5	85.8	90.0	93.9	95.2	96.8	97.7	98.0	98.5	98.9	98.9	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	24.8	19.8	14.9	37.7	2.7	55.4	3.4	930
03-05	21.5	21.3	14.4	40.3	2.5	57.2	2.5	930
06-08	13.1	27.7	20.8	36.0	2.4	59.1	4.6	930
09-11	8.5	27.0	25.4	35.8	3.3	64.5	5.2	930
12-14	8.0	28.1	29.2	32.9	1.8	64.0	3.3	930
15-17	8.3	31.0	26.2	32.3	2.3	60.8	2.4	930
18-20	19.5	24.4	20.1	34.0	2.0	56.1	3.1	930
21-23	24.2	21.3	18.2	34.3	2.0	54.5	3.0	930
ALL HOURS	16.0	25.1	21.2	35.4	2.4	59.0	3.4	7440

MONTH: FEB HOURS: ALL

00-02	25.5	20.8	10.0	38.8	4.8	53.7	3.2	846
03-05	21.9	22.2	13.6	38.5	3.8	55.9	4.7	846
06-08	11.9	28.1	19.0	37.1	3.8	59.9	3.9	846
09-11	8.0	24.8	24.7	40.2	2.2	67.1	3.9	846
12-14	7.3	25.9	23.4	41.8	1.5	66.8	2.7	846
15-17	7.2	25.5	25.7	40.4	1.2	67.3	2.6	846
18-20	15.5	27.1	16.9	39.3	1.1	57.3	3.6	844
21-23	21.9	23.1	15.2	37.7	2.0	54.9	4.2	843
ALL HOURS	14.9	24.7	18.6	39.2	2.6	60.4	3.6	6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	29.0	22.4	13.1	34.5	1.0	48.6	1.1	930
03-05	25.2	22.6	14.1	37.1	1.1	52.3	1.8	930
06-08	11.3	30.1	20.8	35.8	2.0	58.6	2.2	930
09-11	9.7	28.3	22.4	38.4	1.3	62.0	1.8	930
12-14	9.7	27.6	26.8	35.5	.4	62.7	.9	930
15-17	10.6	29.1	24.8	34.8	.5	60.2	.4	930
18-20	17.3	28.9	21.0	32.3	.5	53.8	.6	930
21-23	27.8	23.4	14.6	33.5	.5	48.7	1.3	930
ALL HOURS	17.6	26.6	19.7	35.2	.9	55.9	1.3	7440

MONTH: APR HOURS: ALL

00-02	27.3	25.0	13.3	33.4	.9	47.7	1.8	900
03-05	24.3	25.7	13.0	35.3	1.7	50.0	1.8	900
06-08	14.4	26.7	21.7	36.2	1.0	58.9	2.7	900
09-11	9.7	29.6	23.7	36.8	.3	60.8	1.3	900
12-14	8.8	25.7	32.4	33.1		65.6	.8	900
15-17	7.3	25.9	30.4	36.3		66.8	.7	900
18-20	9.0	33.0	22.6	35.2	.2	58.0	.6	900
21-23	22.8	26.3	16.0	34.2	.7	50.9	1.4	900
ALL HOURS	15.5	27.2	21.6	35.1	.6	57.3	1.4	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY HOURS: ALL

HOURS (1 ST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	25.8	23.3	18.1	31.6	1.2	50.9	3.2	930
03-05	17.6	30.8	17.6	32.7	1.3	51.6	5.9	930
06-08	10.8	32.8	22.4	32.4	1.7	56.5	5.3	930
09-11	7.4	33.2	25.1	34.0	.3	59.4	2.8	930
12-14	3.7	31.9	29.1	35.3		64.4	1.7	930
15-17	3.0	31.2	31.3	34.5		65.8	1.7	930
18-20	6.6	31.8	26.2	35.4		61.6	1.7	930
21-23	19.7	27.6	17.2	35.5		52.7	2.0	930
ALL HOURS	11.8	30.3	23.4	33.9	.6	57.8	2.1	7440

MONTH: JUN HOURS: ALL

00-02	26.1	27.8	23.3	22.4	.3	46.1	3.3	900
03-05	16.8	36.3	23.3	22.4	1.1	46.9	6.9	900
06-08	9.9	37.6	27.8	24.3	.4	52.6	3.2	900
09-11	7.8	35.8	33.2	23.2		56.4	2.3	900
12-14	2.3	36.8	34.6	26.3		60.9	1.7	900
15-17	2.7	36.9	36.1	24.3		60.4	2.1	900
18-20	5.8	35.6	35.2	23.4		58.7	2.2	900
21-23	17.8	34.0	25.9	22.2	.1	48.2	1.7	900
ALL HOURS	11.1	35.1	29.9	23.6	.3	53.8	2.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	23.1	32.3	24.6	20.0		44.6	5.6	930
03-05	16.2	40.1	22.4	21.2	.1	43.7	6.6	930
06-08	10.3	39.8	25.4	24.3	.2	49.9	6.5	930
09-11	10.5	36.6	30.5	22.4		52.9	2.7	930
12-14	1.7	39.4	37.6	21.3		58.9	2.6	930
15-17	2.5	40.8	33.9	22.8	.1	56.8	4.2	930
18-20	5.2	35.1	33.0	26.8		59.8	4.6	930
21-23	15.1	35.6	25.1	24.3		49.4	4.2	930
ALL HOURS	10.6	37.4	29.1	22.9	.1	52.0	4.6	7440

MONTH: AUG HOURS: ALL

00-02	24.3	32.7	19.9	23.1		43.0	9.1	930
03-05	20.3	34.5	20.0	24.7	.4	45.2	10.6	930
06-08	9.9	38.5	26.5	24.8	.3	51.6	9.4	930
09-11	10.5	37.4	26.3	25.7		52.0	6.3	930
12-14	2.7	39.1	34.8	23.3		58.2	4.9	930
15-17	1.8	40.5	37.5	20.1		57.6	5.5	930
18-20	3.9	41.4	30.6	24.1		54.7	4.4	930
21-23	15.6	38.3	21.7	24.5		46.1	6.4	928
ALL HOURS	11.1	37.8	27.2	23.8	.1	51.1	7.1	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	27.7	28.4	20.3	23.4	.1	43.9	4.7	900
03-05	25.1	30.8	17.2	25.4	1.4	44.1	7.1	900
06-08	12.8	35.2	22.1	28.2	1.7	52.0	8.4	900
09-11	10.8	37.9	25.3	25.9	.1	51.3	4.0	900
12-14	4.0	39.8	35.6	22.3		56.2	1.6	900
15-17	5.3	39.3	32.1	23.2		55.3	1.4	900
18-20	11.0	38.4	24.8	25.8		50.0	1.4	900
21-23	25.6	30.9	19.1	24.4		43.6	2.6	900
ALL HOURS	15.3	35.1	24.4	24.8	.4	49.6	3.9	7200

MONTH: OCT HOURS: ALL

00-02	30.9	26.2	17.1	25.2	.6	42.9	7.6	930
03-05	28.7	25.8	15.7	27.6	2.2	45.5	7.5	930
06-08	11.7	34.3	24.3	26.1	3.5	54.0	7.0	930
09-11	10.5	33.4	28.1	27.0	1.0	56.0	2.7	930
12-14	7.1	35.9	31.5	25.5		57.0	1.8	930
15-17	9.7	35.5	30.5	24.3		54.8	1.3	930
18-20	20.6	32.0	19.6	27.5	.2	47.3	1.4	930
21-23	30.4	26.9	16.5	25.9	.3	42.7	4.7	930
ALL HOURS	18.7	31.3	22.9	26.1	1.0	50.0	4.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	26.3	28.6	15.9	28.1	1.1	45.1	3.0	900
03-05	25.7	24.2	18.0	30.7	1.4	50.1	2.8	900
06-08	13.8	28.7	25.7	30.2	1.7	57.6	6.3	900
09-11	9.2	29.3	30.6	30.0	.9	61.4	3.2	900
12-14	6.8	31.9	30.3	31.0		61.3	1.6	900
15-17	7.2	33.1	27.3	32.2	.1	59.7	1.7	900
18-20	17.1	28.7	18.8	34.9	.6	54.2	2.1	900
21-23	24.3	27.1	17.3	31.0	.2	48.6	2.8	900
ALL HOURS	16.3	28.9	23.0	31.0	.8	54.8	2.9	7200

MONTH: DEC HOURS: ALL

00-02	22.8	24.3	16.9	33.7	2.4	52.9	2.3	930
03-05	22.4	24.2	16.7	33.7	3.1	53.4	2.5	930
06-08	12.2	32.5	19.0	32.7	3.7	55.4	3.3	930
09-11	6.9	27.4	28.2	34.3	3.2	65.7	2.9	930
12-14	6.8	29.4	30.1	32.5	1.3	63.9	2.7	930
15-17	8.4	30.0	28.8	31.6	1.2	61.6	1.4	930
18-20	19.9	24.8	17.0	36.6	1.7	55.3	1.8	930
21-23	22.2	23.9	16.8	35.4	1.8	54.0	2.5	930
ALL HOURS	15.2	27.1	21.7	33.8	2.3	57.8	2.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	26.1	26.0	17.3	29.3	1.2	47.9	4.0	10956
03-05	22.1	28.2	17.2	30.8	1.7	49.6	5.1	10956
06-08	11.8	32.7	23.0	30.6	1.9	55.5	5.2	10956
09-11	9.1	31.8	27.0	31.1	1.1	59.1	3.3	10956
12-14	5.7	32.7	31.2	30.0	.4	61.6	2.2	10956
15-17	6.2	33.3	30.4	29.7	.4	60.5	2.1	10956
18-20	12.6	31.8	23.9	31.2	.5	55.6	2.3	10954
21-23	22.3	28.2	18.6	30.2	.6	49.5	3.1	10951
ALL HOURS	14.5	30.6	23.6	30.4	1.0	54.9	3.4	87641

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105								.1					.0
GE 100						.1	.9	.3	.1				.1
GE 95				.2	.1	2.8	7.7	4.5	1.6				1.4
GE 90				1.9	4.1	16.4	31.7	24.0	8.0	.5			7.3
GE 85			.3	5.4	15.5	43.0	64.7	57.4	26.7	2.2	.2		18.0
GE 80			2.0	13.1	31.0	67.9	88.3	83.8	47.8	8.6	1.3		28.8
GE 75		.5	5.5	22.0	51.9	87.0	97.3	95.8	69.9	21.6	4.0	.3	38.1
GE 70	.8	2.4	11.9	36.6	73.0	95.5	99.6	99.6	86.7	42.0	11.3	1.8	46.9
GE 65	1.9	5.4	20.6	53.7	86.3	99.1	100.0	100.0	96.3	63.3	24.2	5.4	54.8
GE 60	6.2	10.9	32.7	69.9	95.3	99.9			99.2	81.3	42.3	10.1	62.4
GE 55	11.9	19.2	47.6	84.3	98.7	100.0			99.9	93.1	60.2	19.3	69.6
GE 50	21.1	31.2	63.2	93.9	100.0				100.0	98.2	76.6	32.7	76.5
GE 45	36.9	47.1	79.2	98.8						99.8	90.2	52.1	83.7
GE 40	54.8	66.9	91.6	99.9						100.0	97.9	70.9	90.2
GE 35	73.8	83.5	97.3	100.0							99.6	85.6	95.0
GE 33	80.2	88.7	98.2								99.8	89.7	96.4
GE 30	88.1	93.9	99.1								100.0	93.7	97.9
GE 25	95.7	98.3	99.9									98.6	99.4
GE 20	98.4	99.6	100.0									99.8	99.8
GE 15	99.7	99.9										100.0	100.0
GE 10	100.0	100.0											100.0
MEAN	41.5	44.9	54.5	65.9	74.8	82.6	86.4	85.2	78.7	67.5	57.3	45.5	65.5
SD	10.57	10.95	11.65	10.96	8.82	7.09	5.86	5.82	7.97	8.65	9.84	10.66	18.27
TOTAL OBS	1021	958	1022	989	1021	990	1023	1023	990	1023	990	1021	12071

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80								.1					.0
GE 75						1.2	3.8	2.0	.1				.6
GE 70			.1	.1	.4	12.8	32.1	29.2	7.7	.2			6.9
GE 65			.2	.3	6.2	37.6	67.1	61.2	26.3	2.3	.4		16.9
GE 60		.1	.9	2.7	21.9	60.7	86.9	81.3	44.7	7.8	1.9		25.9
GE 55	.1	.2	2.0	10.2	43.3	80.8	96.8	94.2	65.5	18.2	4.9	.7	34.9
GE 50	.2	.8	4.9	23.3	64.4	93.6	99.9	99.2	83.8	34.1	11.2	1.9	43.3
GE 45	1.1	2.9	13.2	41.2	80.9	98.6	100.0	99.9	93.9	49.1	20.2	4.9	50.6
GE 40	5.1	8.7	27.1	62.9	93.4	99.9		100.0	98.9	69.1	34.3	11.5	59.4
GE 35	13.2	19.5	43.6	80.8	98.9	100.0			100.0	86.6	52.5	22.9	68.3
GE 33	18.7	25.3	53.2	87.1	99.4					91.2	61.4	30.3	72.3
GE 30	29.9	35.4	68.5	95.2	99.9					97.0	76.2	43.6	78.9
GE 25	51.7	58.0	87.5	99.5	100.0					99.8	93.1	66.6	88.1
GE 20	70.3	78.9	96.2	99.9						100.0	98.9	80.7	93.8
GE 15	82.3	89.2	98.7	100.0							100.0	90.9	96.8
GE 10	90.7	96.1	99.4									97.2	98.6
GE 5	95.7	98.3	99.8									99.2	99.4
GE 0	98.0	99.9	99.9									99.8	99.8
GE -5	99.4	100.0	100.0									100.0	100.0
GE -10	100.0												100.0
MEAN	23.8	26.4	34.1	42.7	52.4	61.2	66.3	65.4	58.1	45.2	36.6	28.0	45.1
SD	10.24	9.53	9.12	8.67	8.27	7.16	5.55	6.04	8.31	9.48	9.48	9.75	17.14
TOTAL OBS	1021	958	1022	989	1021	990	1023	1023	990	1023	990	1021	12071

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.1	.1					.0
GE 85						1.1	4.0	1.7	.1				.6
GE 80					.6	12.1	30.5	23.9	6.6				6.2
GE 75			.2	.7	7.5	40.2	67.6	62.1	23.9	1.0	.1		17.1
GE 70			.7	5.1	24.5	65.8	91.4	85.8	46.9	5.8	.8		27.4
GE 65		.2	2.2	14.2	47.7	87.2	99.4	98.0	70.6	18.0	3.1	.3	36.9
GE 60	.2	.6	6.4	28.9	71.4	97.8	100.0	99.9	88.0	36.3	8.7	1.4	45.1
GE 55	1.0	3.2	15.0	47.3	88.5	99.8		100.0	98.1	58.3	20.6	4.0	53.1
GE 50	3.8	8.5	27.1	70.5	97.9	100.0			99.6	80.1	38.3	9.9	61.4
GE 45	10.6	16.9	47.4	88.0	99.8				100.0	93.6	59.7	20.2	69.8
GE 40	23.8	33.3	69.1	97.7	100.0					99.1	79.0	36.9	78.3
GE 35	46.2	53.7	88.1	99.8						100.0	93.8	62.0	87.0
GE 33	53.7	63.7	92.7	100.0							97.7	70.3	89.9
GE 30	65.8	76.3	96.0								99.2	78.8	93.0
GE 25	81.4	89.0	98.4								99.9	90.2	96.6
GE 20	91.2	96.7	99.7								100.0	96.6	98.7
GE 15	96.3	99.2	100.0									99.5	99.6
GE 10	99.0	99.9										99.9	99.9
GE 5	99.8	100.0										100.0	100.0
GE 0	100.0												100.0
.....													
MEAN	32.9	35.9	44.5	54.6	63.9	72.2	76.6	75.5	68.6	56.6	47.2	37.0	55.5
SD	9.53	9.33	9.33	8.58	7.40	6.32	4.86	5.13	7.29	8.05	8.73	9.48	17.24
.....													
TOTAL OBS	1021	958	1022	989	1021	990	1023	1023	990	1023	990	1021	12071
.....													

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		68	72	96	93	99	100	97	93	74	71	62	100*
58	50	63	59	87	89	94	95	91	92	86	76	59	95
59	71	68	80	91	91	99	92	95	90	90	76	62	99
60	61	68	81	95	87	91	95	94	89	82	73	67	95
61	55	71	82	88	86	89	92	89	90	80	80	59	92
62	60	69	75	87	93	90	90	94	94	87	65	65	94
63	59	55	84	89	92	94	95	94	89	81	73	56	95
64	64	61	78	87	92	99	94	91	92	76	76	70	99
65	61	69	72	81	92	92	94	92	89	77	73	69	94
66	65	62	79	83	90	94	96	95	96	73	72	70	96
67	72	67	79	85	81	91	91	91	88	92	78	67	92
68	59	54	83	84	86	97	96	97	90	84	79	69	97
69	60	55	73	90	97	100	100	91	92	88	73	58	100
70	60	63	71	83	91	94	93	93	94	85	68	74	94
71	55	74	72	87	90	92	93	92	89	83	85	75	93
72	68	75	78	87	83	86	97	93	90	79	75	67	97
73	65	62	74	86	86	92	95	95	92	82	78	67	95
74	73	71	80	91	91	92	95	91	90	79	85	61	95
75	74	69	66	79	90	96	93	97	86	88	80	67	97
76	60	76	81	90	85	92	94	93	90	74	72	52	94
77	49	75	86	93	92	93	95	94	95	86	76	59	95
78	63	51	80	87	87	91	96	92	91	85	76	76	96
79	65	52	85	79	87	87	91	95	88	83	73	71	95
80	55	60	74	80	92	94	104	97	98	83	69	71	104
81	59	70	77	83	86	92	96	91	91	86	74	63	96
82	61	65	68	78	90	90	96	91	90	82	83	77	96
83	60	61	73	89	85	92	100	105	100	83	76	54	105
84	58	70	70	84	91	98	97	89	92	83	73	74	98
85	63	75	81	94	87	92	96	98	97	84	80	66	98
86	68	67	84	83	90	96	99	93	92	90	79	64	99
87	60	56	74	85	92	93	101	100	88	72	76	64	101
88	63	69	76	77	91	99	101	100	92	77	67	73	101
89	61	73	83	81	91	98	99	99	96	87	78	54	99
90	67	71											71*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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GREATEST	74	76	86	96	97	100	104	105	100	92	85	77	105
.....													
TOTAL OBS	1021	958	1022	989	1021	990	1023	1023	990	1023	990	1021	12071

THE GREATEST VALUE OF 105 OCCURRED ON 08/20/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		22	23	28	35	53	52	51	36	27	16	11	11*
58	6	4	23	29	39	47	59	53	41	33	17	2	2
59	-3	7	17	30	38	46	56	52	40	31	20	17	-3
60	14	10	-2	25	35	47	54	55	46	27	21	-1	-2
61	-10	4	17	24	35	47	53	54	39	29	23	11	-10
62	6	9	11	25	37	53	53	53	38	24	25	8	6
63	-1	3	21	29	32	48	52	50	35	31	24	6	-1
64	-3	13	20	23	43	43	55	45	41	27	16	17	-3
65	0	2	14	24	44	46	53	48	44	24	20	16	0
66	6	1	19	26	29	42	52	52	41	25	22	9	1
67	6	0	11	28	32	40	51	57	42	34	21	13	0
68	-1	3	19	28	36	52	58	50	45	29	23	8	-1
69	8	14	19	20	36	53	61	53	44	27	19	16	8
70	-5	12	19	29	32	51	55	58	42	37	16	15	-5
71	5	4	23	30	40	56	54	51	45	39	23	19	4
72	3	13	19	29	38	42	58	52	47	28	21	15	3
73	9	9	24	31	35	53	56	55	47	32	21	8	8
74	16	10	21	25	33	49	54	57	39	26	16	21	10
75	11	13	17	27	44	52	55	58	44	31	27	19	11
76	8	13	20	26	37	46	54	47	42	26	16	13	8
77	-2	8	23	28	44	38	52	48	48	27	22	9	-2
78	9	12	11	33	38	47	52	57	42	34	31	19	9
79	10	-2	22	33	37	47	50	51	45	30	24	18	-2
80	20	13	12	32	39	43	55	58	43	30	22	5	5
81	2	12	22	29	35	49	54	50	41	27	22	12	2
82	-3	12	21	27	41	55	56	44	46	29	23	15	-3
83	16	0	24	30	37	47	54	55	36	29	25	-4	-4
84	-9	15	17	31	34	46	51	55	44	38	22	19	-9
85	-6	14	20	19	35	44	54	56	44	33	32	10	-6
86	10	12	17	35	31	49	53	48	44	34	22	14	10
87	-5	14	21	29	41	50	56	51	44	30	22	19	-5
88	4	12	21	30	39	43	45	55	45	28	28	8	4
89	17	14	23	26	43	57	58	56	41	37	15	0	0
90	19	11											11*

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MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

MONTH: ALL HOURS: ALL

[illegible]

THE LEAST VALUE OF -10 OCCURRED ON 01/29/61

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 5702-9002

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57		41	44	58	66	76	77	73	70	52	46	38	58*
58	31	29	39	54	63	69	77	74	66	57	47	30	53
59	32	37	43	56	66	72	76	78	71	59	45	39	56
60	37	37	33	58	61	72	75	77	69	56	46	29	54
61	27	38	46	49	59	70	76	75	72	56	48	34	54
62	33	35	42	53	66	71	72	73	65	58	44	32	54
63	30	30	46	55	61	70	75	73	64	57	47	29	53
64	34	33	45	52	65	72	75	73	67	52	48	40	55
65	33	36	41	52	67	70	74	74	69	54	46	39	55
66	31	35	44	48	61	71	76	74	65	52	45	34	53
67	37	31	41	54	56	70	74	75	67	58	46	39	54
68	30	33	47	55	62	73	78	78	70	59	49	36	56
69	34	37	41	58	66	76	79	75	69	58	47	35	56
70	28	36	40	54	66	73	77	76	72	61	49	39	56
71	31	38	43	54	62	75	77	75	72	63	48	45	57
72	38	36	45	54	64	69	77	75	69	54	46	43	56
73	37	35	52	56	62	75	77	77	70	57	47	37	57
74	39	36	48	57	63	69	76	75	68	54	47	40	56
75	38	38	43	51	68	74	77	79	67	60	51	38	57
76	33	45	48	56	62	74	76	73	65	52	40	34	55
77	23	37	54	61	67	69	77	76	72	55	49	35	56
78	30	28	42	54	63	72	74	78	70	57	51	41	55
79	35	26	49	55	64	69	76	76	68	55	50	41	55
80	36	34	45	58	66	69	78	78	72	55	44	36	56
81	29	39	41	56	60	72	77	73	68	54	47	36	54
82	28	37	44	52	67	71	77	73	68	57	49	44	56
83	36	37	47	53	62	72	78	79	68	58	47	33	56
84	28	42	43	55	62	76	75	75	65	63	46	45	56
85	31	38	48	59	66	71	77	75	70	61	55	37	57
86	35	36	48	55	66	74	79	75	71	60	48	38	57
87	32	34	45	55	66	75	80	77	69	51	49	40	56
88	30	37	46	53	64	72	79	78	66	51	47	39	55
89	39	37	47	52	67	79	80	79	72	61	48	26	57
90	41	42											41*

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MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5702-9002
MONTH: ALL HOURS: ALL

[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	29.7	10.885	930	8	550	0	0	0	930
03-05	28.4	11.103	930	12	578	0	0	0	930
06-08	27.7	11.018	930	15	606	0	0	0	930
09-11	33.1	10.050	930	4	406	0	0	0	930
12-14	38.6	10.482	930	0	257	5	0	0	930
15-17	39.4	10.678	930	0	237	8	0	0	930
18-20	34.4	10.119	930	1	382	0	0	0	930
21-23	31.5	10.657	930	6	506	0	0	0	930
ALL HOURS	32.8	11.395	7440	46	3522	13	0	0	7440

MONTH: FEB

00-02	34.2	10.420	846	0	420	3	0	0	846
03-05	32.9	10.667	846	0	454	3	0	0	846
06-08	32.2	10.596	846	1	457	2	0	0	846
09-11	38.3	9.390	846	0	237	1	0	0	846
12-14	43.4	9.972	846	0	101	26	0	0	846
15-17	44.7	10.066	846	0	76	37	0	0	846
18-20	40.1	9.615	844	0	184	11	0	0	844
21-23	36.3	9.828	843	0	358	3	0	0	843
ALL HOURS	37.8	11.018	6763	1	2287	86	0	0	6763

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	40.6	10.424	930	0	239	15	0	0	930
03-05	38.7	10.423	930	0	296	11	0	0	930
06-08	39.1	10.194	930	0	261	9	0	0	930
09-11	46.8	10.267	929	0	58	47	3	0	929
12-14	52.0	11.125	930	0	25	136	11	0	930
15-17	53.4	11.210	930	0	19	158	10	0	930
18-20	48.9	10.728	930	0	43	91	0	0	930
21-23	43.0	10.303	930	0	124	36	0	0	930
ALL HOURS	45.4	11.878	7439	0	1065	503	24	0	7439

MONTH: APR

00-02	49.1	8.582	900	0	13	31	0	0	900
03-05	46.6	8.711	900	0	52	14	0	0	900
06-08	49.0	8.790	900	0	29	26	0	0	900
09-11	57.9	9.013	900	0	0	192	15	0	900
12-14	62.9	9.846	900	0	0	386	48	1	900
15-17	64.0	10.268	900	0	0	436	73	0	900
18-20	59.0	9.390	900	0	0	250	9	0	900
21-23	52.9	8.551	900	0	4	82	0	0	900
ALL HOURS	55.2	11.103	7200	0	98	1417	145	1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.9	8.335	930	0	0	227	0	0	930
03-05	55.8	8.704	930	0	1	153	0	0	930
06-08	59.8	8.108	930	0	1	269	2	0	930
09-11	68.4	8.123	930	0	0	631	100	0	930
12-14	73.1	9.070	930	0	0	758	251	0	930
15-17	73.8	9.243	930	0	0	756	272	0	930
18-20	68.1	8.663	930	0	0	604	92	0	930
21-23	61.3	8.335	930	0	0	360	6	0	930
ALL HOURS	64.8	10.752	7440	0	2	3758	723	0	7440

MONTH: JUN

00-02	66.2	7.460	900	0	0	559	8	0	900
03-05	64.2	7.516	900	0	0	489	4	0	900
06-08	68.7	7.085	900	0	0	663	33	0	900
09-11	77.2	7.062	900	0	0	849	358	10	900
12-14	81.4	7.556	900	0	0	876	569	48	900
15-17	81.4	7.472	900	0	0	875	563	46	900
18-20	76.1	7.255	900	0	0	839	303	3	900
21-23	69.1	7.144	900	0	0	660	40	0	900
ALL HOURS	73.0	9.720	7200	0	0	5810	1878	107	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	71.1	5.836	930	0	0	814	51	0	930
03-05	69.4	5.899	930	0	0	767	10	0	930
06-08	73.1	5.852	930	0	0	858	111	0	930
09-11	81.7	6.098	930	0	0	930	592	32	930
12-14	86.1	6.492	929	0	0	929	784	154	929
15-17	86.3	6.573	930	0	0	930	783	156	930
18-20	80.7	6.330	930	0	0	929	534	29	930
21-23	73.8	5.496	930	0	0	881	138	0	930
ALL HOURS	77.8	8.715	7439	0	0	7038	3003	371	7439

MONTH: AUG

00-02	69.8	6.235	930	0	0	761	38	0	930
03-05	68.2	6.421	930	0	0	686	16	0	930
06-08	70.8	6.194	930	0	0	783	45	0	930
09-11	79.4	5.837	930	0	0	924	454	7	930
12-14	83.8	6.490	930	0	0	929	694	86	930
15-17	84.1	6.574	930	0	0	930	686	113	930
18-20	77.9	6.536	930	0	0	910	355	12	930
21-23	72.0	6.171	930	0	0	813	94	0	930
ALL HOURS	75.7	8.706	7440	0	0	6736	2382	218	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	62.3	8.592	900	0	0	415	3	0	900
03-05	60.9	8.127	900	0	0	360	0	0	900
06-08	62.8	8.571	900	0	0	423	8	0	900
09-11	72.6	7.944	900	0	0	770	169	6	900
12-14	77.5	8.474	900	0	0	857	361	41	900
15-17	77.3	8.420	900	0	0	848	363	35	900
18-20	69.4	8.519	900	0	0	641	106	0	900
21-23	64.4	8.383	900	0	0	476	19	0	900
ALL HOURS	68.4	10.527	7200	0	0	4790	1029	82	7200

MONTH: OCT

00-02	50.9	9.738	930	0	20	75	1	0	930
03-05	49.4	9.997	930	0	35	62	0	0	930
06-08	50.4	9.938	930	0	26	74	0	0	930
09-11	60.4	8.086	930	0	0	278	6	0	930
12-14	65.7	8.746	930	0	0	495	54	0	930
15-17	65.5	8.758	930	0	0	497	52	0	930
18-20	56.8	8.825	930	0	0	192	5	0	930
21-23	52.8	9.397	930	0	4	103	4	0	930
ALL HOURS	56.5	11.157	7440	0	85	1776	122	0	7440

E - 5 - 1 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	43.4	10.329	900	0	154	19	0	0	900
03-05	42.1	10.499	900	0	190	13	0	0	900
06-08	42.0	10.507	900	0	183	16	0	0	900
09-11	49.8	9.210	900	0	18	55	0	0	900
12-14	55.4	9.641	900	0	6	147	3	0	900
15-17	55.1	9.740	900	0	6	146	6	0	900
18-20	48.7	9.567	900	0	40	54	0	0	900
21-23	45.4	10.227	900	0	110	33	0	0	900
ALL HOURS	47.7	11.169	7200	0	707	483	9	0	7200

MONTH: DEC

00-02	34.4	11.337	929	0	396	3	0	0	929
03-05	33.1	11.658	930	3	439	3	0	0	930
06-08	32.6	11.703	930	4	470	2	0	0	930
09-11	38.3	10.737	930	0	252	10	0	0	930
12-14	43.3	11.050	930	0	150	40	0	0	930
15-17	43.2	11.215	930	0	150	43	0	0	930
18-20	38.4	11.076	930	0	261	18	0	0	930
21-23	35.9	11.199	930	0	349	8	0	0	930
ALL HOURS	37.4	11.933	7439	7	2467	127	0	0	7439

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.9	16.739	10955	8	1792	2922	101	0	10955
03-05	49.2	16.723	10956	15	2045	2561	30	0	10956
06-08	50.8	18.018	10956	20	2033	3125	199	0	10956
09-11	58.7	18.696	10955	4	971	4687	1697	55	10955
12-14	63.7	18.675	10955	0	539	5584	2775	30	10955
15-17	64.1	18.543	10956	0	488	5664	2808	350	10956
18-20	58.3	17.992	10954	1	910	4539	1404	44	10954
21-23	53.4	16.827	10953	6	1455	3455	301	0	10953
ALL HOURS	56.1	18.634	87640	54	10233	32537	9315	779	87640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA PERIOD OF RECORD: MAR 80 - FEB 90
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	26.6	10.139	930	658	7	0	0	0	930
03-05	25.6	10.419	930	695	6	0	0	0	930
06-08	25.1	10.359	930	713	10	0	0	0	930
09-11	29.1	9.298	929	562	11	0	0	0	929
12-14	32.5	9.160	930	423	29	0	0	0	930
15-17	32.9	9.166	930	417	40	0	0	0	930
18-20	29.9	9.306	930	563	29	0	0	0	930
21-23	27.8	9.813	930	649	22	0	0	0	930
ALL HOURS	28.7	10.087	7439	4680	154	0	0	0	7439

MONTH: FEB

00-02	31.0	9.902	846	498	42	0	0	0	846
03-05	30.1	10.196	846	525	37	0	0	0	846
06-08	29.6	10.271	846	539	32	0	0	0	846
09-11	33.8	9.239	846	403	48	0	0	0	846
12-14	36.9	9.280	846	279	101	0	0	0	846
15-17	37.6	9.096	846	248	106	0	0	0	846
18-20	34.8	9.157	844	377	70	0	0	0	844
21-23	32.4	9.340	843	459	45	0	0	0	843
ALL HOURS	33.3	9.954	6763	3328	481	0	0	0	6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	36.4	9.745	930	363	101	0	0	0	930
03-05	35.1	9.950	929	404	86	0	0	0	929
06-08	35.6	9.905	930	378	93	0	0	0	930
09-11	40.2	9.440	929	192	162	0	0	0	929
12-14	42.9	9.301	930	110	233	2	0	0	930
15-17	43.5	9.103	930	91	237	3	0	0	930
18-20	41.1	9.264	930	161	182	1	0	0	930
21-23	38.4	9.483	930	274	127	0	0	0	930
ALL HOURS	39.1	10.018	7438	1973	1221	6	0	0	7438

MONTH: APR

00-02	44.5	8.251	900	73	262	0	0	0	900
03-05	43.0	8.561	900	108	221	0	0	0	900
06-08	44.7	8.531	900	74	270	0	0	0	900
09-11	49.2	7.926	899	9	429	8	0	0	899
12-14	51.6	7.954	900	4	519	27	0	0	900
15-17	51.9	7.916	900	8	541	31	0	0	900
18-20	49.8	7.979	899	13	465	10	0	0	899
21-23	46.9	8.158	900	23	351	1	0	0	900
ALL HOURS	47.7	8.741	7198	312	3058	77	0	0	7198

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.5	8.197	930	0	673	45	4	0	930
03-05	52.9	8.550	930	3	607	24	3	0	930
06-08	55.8	7.956	930	1	716	76	6	0	930
09-11	59.8	7.627	930	0	844	197	25	0	930
12-14	61.5	7.589	930	0	871	277	63	0	930
15-17	61.8	7.469	930	0	879	286	69	2	930
18-20	60.1	7.660	930	0	840	219	36	4	930
21-23	56.8	8.045	930	0	736	104	9	0	930
ALL HOURS	57.9	8.498	7440	4	6166	1228	215	6	7440

MONTH: JUN

00-02	62.6	7.299	900	0	852	312	66	0	900
03-05	60.9	7.550	900	0	821	236	36	0	900
06-08	63.8	7.025	900	0	870	352	90	0	900
09-11	67.7	6.718	899	0	897	542	241	21	899
12-14	69.0	6.541	900	0	899	594	308	31	900
15-17	69.1	6.278	900	0	900	593	303	30	900
18-20	67.6	6.387	900	0	898	543	210	17	900
21-23	64.5	6.936	900	0	876	390	106	0	900
ALL HOURS	65.7	7.466	7199	0	7013	3562	1360	99	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.9	5.382	930	0	923	545	131	0	930
03-05	65.8	5.678	930	0	920	455	90	0	930
06-08	68.2	5.166	929	0	926	628	199	0	929
09-11	71.9	4.830	930	0	930	812	457	28	930
12-14	73.1	4.637	929	0	929	846	544	65	929
15-17	73.0	4.444	930	0	930	857	534	58	930
18-20	71.8	4.600	930	0	930	807	431	35	930
21-23	68.8	4.685	930	0	929	684	207	0	930
ALL HOURS	69.9	5.656	7438	0	7417	5634	2593	186	7438

MONTH: AUG

00-02	66.4	5.929	930	0	921	532	117	0	930
03-05	65.2	6.160	930	0	911	472	56	0	930
06-08	66.9	5.867	930	0	920	546	156	0	930
09-11	70.8	5.096	930	0	930	751	403	5	930
12-14	71.9	5.025	930	0	930	782	486	25	930
15-17	71.8	5.018	930	0	930	782	477	31	930
18-20	70.4	5.282	930	0	930	724	374	17	930
21-23	67.8	5.751	930	0	926	596	209	2	930
ALL HOURS	68.9	6.056	7440	0	7398	5185	2278	80	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.4	8.215	900	0	773	219	23	0	900
03-05	58.3	8.507	900	0	740	182	9	0	900
06-08	59.7	8.268	900	0	772	235	20	0	900
09-11	64.7	7.099	900	0	885	386	126	2	900
12-14	66.1	6.870	900	0	891	444	191	3	900
15-17	66.0	6.822	900	0	891	451	191	0	900
18-20	63.7	7.283	900	0	862	362	104	0	900
21-23	60.9	7.859	900	0	802	263	43	0	900
ALL HOURS	62.4	8.219	7200	0	6616	2542	707	5	7200

MONTH: OCT

00-02	48.0	9.781	930	52	408	24	3	0	930
03-05	46.7	10.044	930	72	365	24	0	0	930
06-08	47.5	10.015	929	61	377	30	1	0	929
09-11	53.7	8.459	930	0	610	76	8	0	930
12-14	56.0	8.551	930	0	699	128	22	0	930
15-17	56.1	8.627	930	0	694	133	16	0	930
18-20	52.4	9.033	930	3	561	67	8	0	930
21-23	49.5	9.434	930	20	452	27	5	0	930
ALL HOURS	51.2	9.917	7439	208	4166	509	63	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.7	9.719	900	236	159	0	0	0	900
03-05	38.7	9.901	899	276	148	0	0	0	899
06-08	38.7	10.051	900	282	147	3	0	0	900
09-11	44.0	8.929	900	73	241	7	1	0	900
12-14	46.8	8.836	900	28	334	20	3	0	900
15-17	46.5	8.826	900	35	328	7	0	0	900
18-20	43.2	9.230	900	103	241	0	0	0	900
21-23	41.0	9.636	900	188	183	2	0	0	900
ALL HOURS	42.3	9.887	7199	1221	1781	39	4	0	7199

MONTH: DEC

00-02	31.0	10.797	929	549	48	0	0	0	929
03-05	30.0	11.137	930	601	51	0	0	0	930
06-08	29.7	11.211	930	619	55	0	0	0	930
09-11	33.8	10.372	929	420	82	0	0	0	929
12-14	36.8	10.142	930	281	98	3	0	0	930
15-17	36.6	10.138	930	297	91	2	0	0	930
18-20	33.7	10.345	930	446	74	0	0	0	930
21-23	32.1	10.550	930	499	62	0	0	0	930
ALL HOURS	33.0	10.912	7438	3712	561	5	0	0	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	47.3	16.486	10955	2429	5169	1677	344	0	10955
03-05	46.1	16.517	10954	2684	4913	1393	194	0	10954
06-08	47.2	17.363	10954	2667	5188	1870	472	0	10954
09-11	51.6	16.835	10951	1659	6069	2779	1261	56	10951
12-14	53.8	16.134	10955	1125	6533	3123	1617	124	10955
15-17	54.0	15.996	10956	1096	6567	3145	1590	121	10956
18-20	51.6	16.595	10953	1666	6082	2733	1163	73	10953
21-23	49.0	16.464	10953	2112	5511	2067	579	2	10953
ALL HOURS	50.1	16.804	87631	15438	46032	18787	7220	376	87631

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	19.0	13.056	930	702	65	927	0	930
03-05	18.6	13.200	930	718	64	927	0	930
06-08	18.2	13.178	930	723	53	930	0	930
09-11	20.3	13.015	929	659	78	929	0	929
12-14	20.8	13.048	930	640	84	930	0	930
15-17	20.6	13.013	930	664	90	927	0	930
18-20	20.2	12.919	930	680	77	928	0	930
21-23	19.5	12.792	930	697	65	930	0	930
ALL HOURS	19.6	13.070	7439	5483	576	7428	0	7439

MONTH: FEB

00-02	24.6	12.567	846	523	155	843	0	846
03-05	24.1	12.768	846	523	152	843	0	846
06-08	23.8	12.817	846	534	158	842	0	846
09-11	25.3	13.240	846	485	189	843	0	846
12-14	25.9	13.643	846	478	199	841	0	846
15-17	25.7	13.583	846	483	187	840	0	846
18-20	25.3	13.081	844	490	179	838	0	846
21-23	24.9	12.474	843	512	161	840	0	846
ALL HOURS	24.9	13.058	6763	4028	1380	6730	0	6763

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	29.4	12.329	930	436	269	909	0	930
03-05	29.0	12.396	929	450	248	904	0	929
06-08	29.6	12.595	930	432	269	908	0	930
09-11	30.6	13.123	929	385	308	902	0	929
12-14	30.5	13.300	930	415	302	900	0	930
15-17	30.1	13.277	930	430	300	899	0	930
18-20	30.0	12.943	930	423	296	904	0	930
21-23	30.1	12.389	930	414	297	906	0	930
ALL HOURS	29.9	12.831	7438	3385	2289	7232	0	7438

MONTH: APR

00-02	38.9	11.030	900	149	530	852	2	900
03-05	38.3	11.002	900	150	491	859	0	900
06-08	39.5	10.967	900	133	528	844	0	900
09-11	39.8	11.730	899	142	520	810	0	900
12-14	39.7	12.173	900	155	509	801	1	900
15-17	39.3	12.370	900	171	504	806	3	900
18-20	39.8	11.970	899	145	516	812	5	900
21-23	40.1	11.421	900	112	534	827	2	900
ALL HOURS	39.4	11.628	7198	1157	4132	6611	13	7198

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.5	9.493	930	3	854	577	58	930
03-05	50.4	9.605	930	9	851	599	34	930
06-08	52.3	9.550	930	10	877	541	80	930
09-11	52.9	10.926	930	14	850	486	146	930
12-14	52.7	11.283	930	14	845	492	151	930
15-17	52.7	11.307	930	15	840	483	153	930
18-20	54.0	10.516	930	12	867	473	162	930
21-23	53.2	9.550	930	6	882	521	108	930
ALL HOURS	52.5	10.385	7440	83	6866	4172	892	7440

MONTH: JUN

00-02	60.2	8.307	900	0	895	245	315	900
03-05	58.6	8.613	900	0	888	295	252	900
06-08	60.7	8.281	900	0	897	222	325	900
09-11	61.9	8.960	899	0	899	224	405	900
12-14	61.9	8.964	900	0	900	216	407	900
15-17	62.0	8.952	900	0	900	212	392	900
18-20	62.6	8.534	900	0	899	187	413	900
21-23	61.6	8.195	900	0	899	205	359	900
ALL HOURS	61.2	8.713	7199	0	7177	1806	2868	7199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	64.6	5.955	930	0	927	72	520	930
03-05	63.7	6.202	930	0	927	87	472	930
06-08	65.5	5.894	929	0	929	62	582	929
09-11	66.9	6.315	930	0	930	54	651	930
12-14	66.7	6.554	929	0	929	58	636	929
15-17	66.4	6.448	930	0	930	65	631	930
18-20	67.3	5.873	930	0	930	39	683	930
21-23	66.1	5.272	930	0	930	35	624	930
ALL HOURS	65.9	6.214	7438	0	7432	472	4799	7438

MONTH: AUG

00-02	64.5	6.424	930	0	929	99	545	930
03-05	63.4	6.576	930	0	929	119	477	930
06-08	64.7	6.550	930	0	930	87	537	930
09-11	66.2	6.728	930	0	930	79	613	930
12-14	65.8	7.022	930	0	930	89	595	930
15-17	65.5	7.171	930	0	930	96	568	930
18-20	66.5	6.600	930	0	930	61	627	930
21-23	65.5	6.533	930	0	930	83	575	930
ALL HOURS	65.3	6.789	7440	0	7438	713	4537	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.4	8.707	900	0	899	361	237	900
03-05	56.4	9.055	900	0	894	394	210	900
06-08	57.6	8.867	900	0	899	351	247	900
09-11	59.5	8.925	900	0	896	279	318	900
12-14	59.0	9.104	900	0	894	300	309	900
15-17	59.0	9.150	900	0	895	309	292	900
18-20	60.0	8.238	900	0	895	273	306	900
21-23	58.6	8.346	900	0	897	324	270	900
ALL HOURS	58.4	8.902	7200	0	7169	2591	2189	7200

MONTH: OCT

00-02	45.0	11.159	930	59	709	751	33	930
03-05	43.7	11.399	930	75	660	770	36	930
06-08	44.4	11.401	929	62	678	747	43	930
09-11	47.4	11.480	930	31	739	678	71	930
12-14	47.3	12.128	930	35	715	660	87	930
15-17	47.6	12.248	930	46	727	649	87	930
18-20	48.1	11.280	930	30	766	661	67	930
21-23	46.1	11.029	930	37	740	713	29	930
ALL HOURS	46.2	11.639	7439	375	5734	5629	453	7439

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.5	11.451	900	269	368	858	0	900
03-05	33.8	11.499	899	303	339	866	0	899
06-08	33.9	11.689	900	307	345	865	1	900
09-11	36.6	11.864	900	223	435	841	5	900
12-14	36.5	12.331	900	213	413	825	5	900
15-17	36.1	12.412	900	249	413	836	1	900
18-20	36.1	12.029	900	234	421	843	0	900
21-23	35.1	11.648	900	262	397	849	2	900
ALL HOURS	35.3	11.932	7199	2060	3131	6783	14	7199

MONTH: DEC

00-02	23.9	13.690	929	570	159	921	0	930
03-05	23.6	13.629	930	589	147	922	0	930
06-08	23.3	13.721	930	600	147	920	0	930
09-11	25.6	14.014	929	530	189	913	0	930
12-14	25.9	14.148	930	520	202	921	0	930
15-17	25.4	14.128	930	534	201	918	0	930
18-20	25.1	13.666	930	544	180	919	0	930
21-23	24.6	13.535	930	560	163	918	0	930
ALL HOURS	24.7	13.859	7438	4447	1388	7352	0	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.9	19.200	10955	2711	6759	7415	1710	10955
03-05	42.0	19.025	10954	2817	6590	7585	1481	10954
06-08	42.9	19.655	10954	2801	6710	7319	1815	10954
09-11	44.5	19.715	10951	2469	6963	7038	2209	10951
12-14	44.5	19.659	10955	2470	6922	7033	2191	10955
15-17	44.3	19.751	10956	2592	6917	7040	2127	10956
18-20	44.7	19.918	10953	2558	6956	6938	2263	10953
21-23	43.9	19.455	10953	2600	6895	7151	1969	10953
ALL HOURS	43.7	19.570	87631	21018	54712	57519	15765	87631

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.6	96.9	90.9	75.7	58.2	41.5	21.2	6.8	63.9	930
03-05	100.0	99.6	97.5	91.9	79.5	64.0	45.5	26.0	8.3	65.9	930
06-08	100.0	99.6	98.0	93.8	81.0	64.1	47.6	27.2	7.3	66.6	930
09-11	99.9	98.9	96.0	84.3	63.9	46.1	31.8	19.6	5.4	59.1	929
12-14	99.9	97.7	89.0	62.2	37.0	25.8	17.8	11.2	3.4	49.0	930
15-17	100.0	98.2	86.5	55.5	33.4	22.6	16.5	11.4	4.1	47.3	930
18-20	100.0	99.6	95.8	79.2	54.8	36.1	22.9	14.8	4.8	55.5	930
21-23	100.0	99.8	96.9	88.4	68.5	48.8	31.3	16.7	6.0	60.4	930
ALL HOURS	100.0	99.1	94.6	80.8	61.7	45.7	31.9	18.5	5.8	58.5	7439

MONTH: FEB

00-02	100.0	100.0	98.8	93.9	80.9	68.6	50.1	27.5	9.8	67.6	846
03-05	100.0	100.0	98.7	95.2	83.6	71.2	55.9	33.2	10.9	69.5	846
06-08	100.0	100.0	99.4	95.5	84.9	72.0	58.4	35.5	13.1	70.4	846
09-11	100.0	99.9	95.9	81.4	62.2	47.0	34.3	22.8	8.0	59.9	846
12-14	100.0	99.3	87.9	62.4	43.3	31.1	23.8	16.3	4.8	51.3	846
15-17	100.0	99.5	79.6	55.3	40.0	28.5	22.0	12.5	5.0	48.9	846
18-20	100.0	99.4	92.3	76.7	56.4	40.0	26.7	16.6	5.5	56.0	844
21-23	100.0	100.0	97.7	89.3	72.2	56.2	38.6	22.1	8.4	62.9	843
ALL HOURS	100.0	99.8	93.8	81.2	65.4	51.8	38.7	23.3	8.2	60.8	6763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	98.1	89.5	80.5	62.6	39.9	22.6	8.6	64.7	930
03-05	100.0	100.0	99.2	93.3	83.2	70.4	50.2	27.7	9.8	68.2	929
06-08	100.0	100.0	99.0	94.3	81.9	70.1	52.0	31.6	12.5	68.8	930
09-11	100.0	99.5	93.4	74.3	50.6	35.5	26.2	17.0	8.0	55.0	929
12-14	100.0	97.6	78.6	52.2	31.0	22.2	17.0	13.0	5.9	46.3	930
15-17	100.0	94.5	70.3	45.6	27.2	21.4	16.2	12.4	5.1	43.9	930
18-20	100.0	98.9	84.8	63.5	42.2	28.3	20.5	13.5	5.6	50.2	930
21-23	100.0	100.0	96.7	85.7	67.5	45.2	28.7	16.9	5.6	59.2	930
ALL HOURS	100.0	98.8	90.0	74.8	58.0	44.4	31.3	19.3	7.6	57.0	7438

MONTH: APR

00-02	100.0	99.8	98.3	92.4	83.6	69.8	53.8	37.3	15.1	69.7	900
03-05	100.0	100.0	98.9	95.4	87.9	77.3	65.3	48.1	21.4	74.1	900
06-08	100.0	100.0	98.9	94.9	86.1	71.3	58.6	41.6	18.4	71.6	900
09-11	100.0	99.6	90.1	71.4	51.1	35.0	24.9	17.1	7.9	54.2	899
12-14	100.0	98.1	75.0	51.7	33.6	23.9	16.9	11.6	5.9	46.2	900
15-17	100.0	94.8	69.4	48.1	31.3	23.2	16.2	10.4	5.9	44.3	900
18-20	100.0	98.0	86.0	67.7	47.9	34.0	22.5	14.5	7.3	52.4	899
21-23	100.0	99.4	96.2	88.1	75.0	60.4	40.8	24.7	11.0	64.1	900
ALL HOURS	100.0	98.7	89.1	76.2	62.1	49.4	37.4	25.7	11.6	59.6	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.8	96.7	91.7	79.7	61.7	29.8	80.4	930
03-05	100.0	100.0	100.0	99.6	97.3	94.2	85.7	70.3	38.1	83.2	930
06-08	100.0	100.0	100.0	98.7	95.5	86.2	73.8	51.7	24.6	77.5	930
09-11	100.0	100.0	97.4	85.1	66.9	51.2	31.6	19.5	7.7	60.3	930
12-14	100.0	99.8	88.8	68.6	48.9	32.8	20.5	12.6	5.4	52.1	930
15-17	100.0	99.2	86.9	65.1	47.8	31.7	21.1	15.1	5.5	51.5	930
18-20	100.0	99.8	96.7	87.2	74.3	57.7	40.5	24.0	11.1	63.5	930
21-23	100.0	100.0	100.0	98.7	94.8	86.3	71.7	48.2	20.1	76.2	930
ALL HOURS	100.0	99.9	96.2	87.7	77.8	66.5	53.1	37.9	17.8	68.1	7440

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.9	97.6	93.2	85.2	63.9	37.7	81.8	900
03-05	100.0	100.0	100.0	99.8	98.7	94.2	86.0	66.2	42.7	82.7	900
06-08	100.0	100.0	100.0	100.0	96.8	89.0	71.1	44.6	20.0	76.6	900
09-11	100.0	100.0	99.9	93.8	76.8	52.8	26.7	10.8	3.8	60.9	899
12-14	100.0	100.0	98.4	83.2	54.7	31.0	14.1	5.8	2.1	53.5	900
15-17	100.0	100.0	97.2	81.2	52.8	32.7	19.0	10.0	3.4	54.1	900
18-20	100.0	100.0	99.6	93.7	79.6	61.6	40.8	22.7	9.6	65.1	900
21-23	100.0	100.0	100.0	99.6	95.9	89.4	75.4	52.7	26.1	78.1	900
ALL HOURS	100.0	100.0	99.4	93.9	81.6	68.0	52.3	34.6	18.2	69.1	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	99.6	96.3	87.7	56.9	20.3	80.6	930
03-05	100.0	100.0	100.0	100.0	99.7	98.6	93.9	64.1	27.6	82.5	930
06-08	100.0	100.0	100.0	99.9	99.1	94.9	78.3	45.1	16.0	77.9	929
09-11	100.0	100.0	100.0	97.2	84.1	54.4	28.6	10.2	2.9	62.3	930
12-14	100.0	100.0	98.7	87.4	58.8	30.9	13.7	4.1	1.1	54.0	929
15-17	100.0	100.0	98.3	83.4	56.3	30.6	15.4	4.3	1.1	53.4	930
18-20	100.0	100.0	99.9	97.2	85.1	67.1	39.6	13.4	3.0	65.2	930
21-23	100.0	100.0	100.0	100.0	99.2	94.6	79.6	43.2	13.1	77.6	930
ALL HOURS	100.0	100.0	99.6	95.6	85.2	70.9	54.6	30.2	10.6	69.2	7438

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.9	98.3	92.8	74.1	31.2	83.9	930
03-05	100.0	100.0	100.0	100.0	99.9	98.9	95.2	77.8	36.8	85.0	930
06-08	100.0	100.0	100.0	100.0	99.5	97.2	89.2	64.3	25.6	81.8	930
09-11	100.0	100.0	100.0	98.2	88.8	66.7	36.5	12.7	3.8	65.3	930
12-14	100.0	100.0	99.5	89.0	66.0	37.2	18.9	6.5	1.6	56.5	930
15-17	100.0	100.0	98.8	85.9	62.2	36.5	16.7	7.6	2.2	55.6	930
18-20	100.0	100.0	99.9	98.2	91.1	75.2	52.7	27.1	6.1	69.6	930
21-23	100.0	100.0	100.0	99.8	99.4	95.8	85.7	59.6	19.5	80.6	930
ALL HOURS	100.0	100.0	99.8	96.4	88.3	75.7	61.0	41.2	15.8	72.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

HOURLS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.8	97.1	93.0	79.2	34.3	84.4	900
03-05	100.0	100.0	100.0	100.0	100.0	98.7	94.4	83.6	38.1	85.6	900
06-08	100.0	100.0	100.0	100.0	100.0	97.9	91.3	74.8	33.9	83.8	900
09-11	100.0	100.0	100.0	97.1	82.7	61.4	38.6	18.3	6.6	65.1	900
12-14	100.0	100.0	99.0	84.6	59.2	32.0	17.1	8.1	3.3	54.9	900
15-17	100.0	100.0	98.7	83.0	59.7	34.6	18.3	9.8	3.3	55.3	900
18-20	100.0	100.0	100.0	98.8	94.0	83.3	63.9	38.7	13.2	73.5	900
21-23	100.0	100.0	100.0	100.0	99.6	96.6	89.2	66.0	26.9	82.1	900
ALL HOURS	100.0	100.0	99.7	95.4	86.9	75.2	63.2	47.3	20.0	73.1	7200

MONTH: OCT

00-02	100.0	100.0	100.0	99.8	97.0	92.8	83.5	62.7	27.2	80.8	930
03-05	100.0	100.0	100.0	99.8	98.0	93.5	84.5	65.3	28.9	81.4	930
06-08	100.0	100.0	100.0	99.9	97.8	91.5	83.2	62.8	26.3	80.5	929
09-11	100.0	100.0	99.9	93.8	75.4	56.8	39.5	23.8	9.8	64.2	930
12-14	100.0	100.0	96.1	76.6	49.6	34.6	19.1	12.9	5.7	53.8	930
15-17	100.0	100.0	96.5	76.9	53.4	37.7	20.8	12.8	5.2	54.8	930
18-20	100.0	100.0	99.9	97.8	92.0	82.0	66.7	43.1	14.8	73.9	930
21-23	100.0	100.0	99.8	99.4	95.8	89.2	78.8	58.8	24.5	79.0	930
ALL HOURS	100.0	100.0	99.0	93.0	82.4	72.3	59.5	42.8	17.8	71.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.4	97.3	88.1	76.2	62.4	36.0	10.8	71.6	900
03-05	100.0	100.0	99.7	97.7	90.2	79.3	66.1	38.5	10.7	72.9	899
06-08	100.0	100.0	99.9	98.0	90.7	78.7	66.1	41.3	12.7	73.4	900
09-11	100.0	100.0	99.1	88.8	69.2	53.4	37.0	20.7	5.2	61.8	900
12-14	100.0	99.8	92.7	67.8	44.8	30.0	18.1	11.1	3.1	51.0	900
15-17	100.0	99.9	89.8	69.0	43.7	29.1	18.8	10.3	4.2	50.8	900
18-20	100.0	100.0	98.3	90.3	75.7	58.9	36.6	18.3	5.1	62.7	900
21-23	100.0	100.0	99.3	94.2	84.7	72.0	51.7	27.7	7.1	68.2	900
ALL HOURS	100.0	100.0	97.3	87.9	73.4	59.7	44.6	25.5	7.4	64.1	7199

MONTH: DEC

00-02	100.0	100.0	97.4	89.5	76.0	61.6	43.8	30.0	10.4	65.5	929
03-05	100.0	100.0	99.2	92.0	81.0	67.6	50.2	31.9	11.2	67.8	930
06-08	100.0	100.0	99.2	94.0	79.5	67.1	51.2	34.8	11.3	68.3	930
09-11	100.0	100.0	97.2	81.7	63.3	49.3	37.2	21.9	8.7	60.5	929
12-14	100.0	99.7	91.1	64.0	45.3	29.2	19.9	13.4	4.3	51.2	930
15-17	100.0	99.0	88.5	62.0	43.9	30.0	19.7	11.5	4.6	50.4	930
18-20	100.0	99.7	97.2	80.3	62.9	48.5	33.3	18.2	6.6	59.0	930
21-23	100.0	100.0	98.2	88.0	70.8	55.5	43.0	24.9	8.4	63.5	930
ALL HOURS	100.0	99.8	96.0	81.4	65.3	51.1	37.3	23.3	8.2	60.8	7438

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	99.1	96.0	89.6	80.6	67.9	47.9	20.2	74.6	10955
03-05	100.0	100.0	99.4	97.1	91.6	84.1	72.8	52.8	23.8	76.6	10954
06-08	100.0	100.0	99.5	97.4	91.1	81.7	68.4	46.3	18.5	74.8	10954
09-11	100.0	99.8	97.4	87.3	69.6	50.8	32.7	17.8	6.5	60.7	10951
12-14	100.0	99.3	91.3	70.8	47.7	30.1	18.1	10.5	3.9	51.7	10955
15-17	100.0	98.8	88.4	67.7	46.0	29.9	18.4	10.7	4.1	50.9	10956
18-20	100.0	99.6	95.9	85.9	71.4	56.2	39.0	22.1	7.7	62.3	10953
21-23	100.0	99.9	98.7	94.3	85.3	74.3	59.7	38.5	14.7	71.0	10953
ALL HOURS	100.0	99.7	96.2	87.1	74.1	60.9	47.1	30.8	12.4	65.3	87631

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1019.4	1019.7	1017.4	1014.7	1015.4	1014.9	1016.1	1016.9	1018.9	1020.2	1019.3	1020.3	1017.8
	SD	9.025	9.305	8.939	7.280	5.507	4.771	3.972	4.289	5.493	6.515	8.236	8.197	7.316
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	310	3650
0400	MEAN	1019.5	1019.5	1017.0	1014.5	1015.3	1014.8	1016.0	1016.7	1018.8	1020.1	1019.2	1020.4	1017.6
	SD	8.925	9.451	9.109	7.551	5.624	4.868	4.020	4.340	5.681	6.629	8.282	8.149	7.413
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
0700	MEAN	1020.1	1020.3	1018.0	1015.6	1016.4	1015.9	1017.0	1017.7	1019.8	1021.1	1019.9	1021.1	1018.6
	SD	8.972	9.606	9.338	7.830	5.621	4.949	4.075	4.377	5.807	6.764	8.435	8.202	7.492
	TOT OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
1000	MEAN	1021.0	1020.9	1018.5	1015.6	1016.5	1015.9	1017.2	1018.0	1020.2	1021.5	1020.5	1022.1	1019.0
	SD	9.133	9.903	9.589	7.864	5.620	4.995	4.092	4.356	5.764	7.006	8.436	8.242	7.663
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
1300	MEAN	1018.9	1019.3	1017.0	1014.2	1015.3	1015.0	1016.3	1017.0	1018.9	1019.9	1018.6	1020.0	1017.5
	SD	9.242	9.786	9.267	7.612	5.593	4.932	4.089	4.261	5.637	7.011	8.344	8.158	7.491
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	1018.3	1018.3	1015.6	1012.9	1014.1	1013.9	1015.1	1015.8	1017.7	1019.0	1018.1	1019.5	1016.5
	SD	9.241	9.434	8.826	7.304	5.415	4.856	4.177	4.234	5.529	6.903	8.117	8.169	7.394
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1900	MEAN	1019.3	1019.4	1016.4	1013.5	1014.5	1014.0	1015.2	1016.1	1018.1	1019.8	1018.9	1020.4	1017.1
	SD	9.254	9.201	8.590	7.079	5.212	4.621	4.036	4.169	5.362	6.761	8.127	8.241	7.354
	TOT OBS	310	281	310	299	310	300	310	310	300	309	300	310	3649
2200	MEAN	1019.7	1019.9	1017.4	1014.6	1015.5	1015.2	1016.2	1017.1	1019.0	1020.6	1019.3	1020.6	1017.9
	SD	9.140	9.077	8.675	7.093	5.381	4.590	3.972	4.158	5.372	6.680	8.198	8.289	7.271
	TOT OBS	310	281	310	300	309	300	310	310	300	310	300	310	3650
ALL HOURS	MEAN	1019.5	1019.7	1017.2	1014.5	1015.4	1015.0	1016.2	1016.9	1018.9	1020.3	1019.2	1020.6	1017.8
	SD	9.149	9.502	9.087	7.507	5.551	4.875	4.111	4.330	5.633	6.824	8.303	8.238	7.460
	TOT OBS	2478	2254	2479	2399	2479	2400	2480	2480	2399	2479	2400	2479	29206

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.10	30.11	30.04	29.96	29.98	29.97	30.00	30.03	30.09	30.13	30.10	30.13	30.05
	SD	.266	.274	.263	.215	.162	.141	.117	.126	.162	.192	.242	.240	.215
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
0400	MEAN	30.10	30.10	30.03	29.96	29.98	29.96	30.00	30.02	30.08	30.12	30.10	30.13	30.05
	SD	.264	.279	.268	.223	.166	.143	.118	.128	.168	.195	.244	.238	.218
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
0700	MEAN	30.12	30.13	30.06	29.99	30.01	30.00	30.03	30.05	30.11	30.15	30.12	30.15	30.08
	SD	.265	.283	.275	.231	.166	.146	.120	.129	.171	.199	.248	.242	.221
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
1000	MEAN	30.15	30.15	30.07	29.99	30.01	30.00	30.04	30.06	30.12	30.16	30.13	30.18	30.09
	SD	.271	.292	.283	.232	.166	.148	.121	.129	.170	.206	.248	.242	.226
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1300	MEAN	30.08	30.10	30.03	29.95	29.98	29.97	30.01	30.03	30.09	30.12	30.08	30.12	30.05
	SD	.272	.289	.273	.224	.165	.145	.121	.126	.166	.206	.246	.241	.221
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	30.07	30.07	29.99	29.91	29.94	29.94	29.98	30.00	30.05	30.09	30.06	30.10	30.02
	SD	.273	.278	.260	.216	.160	.143	.123	.125	.163	.203	.239	.241	.218
	TOT OBS	310	282	310	298	310	299	310	310	300	310	300	310	3649
1900	MEAN	30.10	30.10	30.01	29.93	29.96	29.94	29.98	30.00	30.06	30.12	30.09	30.13	30.03
	SD	.272	.271	.253	.208	.153	.136	.119	.123	.158	.200	.239	.243	.217
	TOT OBS	310	281	310	299	310	300	310	310	300	310	300	310	3650
2200	MEAN	30.11	30.11	30.04	29.96	29.99	29.98	30.01	30.03	30.09	30.14	30.10	30.14	30.06
	SD	.269	.268	.256	.209	.159	.135	.117	.123	.158	.197	.242	.244	.214
	TOT OBS	310	281	310	300	309	300	310	310	300	310	300	310	3630
ALL HOURS	MEAN	30.10	30.11	30.03	29.96	29.98	29.97	30.01	30.03	30.09	30.13	30.10	30.14	30.05
	SD	.270	.280	.268	.221	.164	.144	.121	.128	.166	.201	.245	.242	.220
	TOT OBS	2478	2254	2480	2397	2479	2399	2480	2480	2400	2480	2400	2477	29204

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.02	30.03	29.96	29.88	29.90	29.89	29.92	29.95	30.01	30.05	30.02	30.05	29.97
	SD	.266	.274	.263	.215	.162	.141	.117	.126	.162	.192	.242	.240	.215
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
0400	MEAN	30.02	30.02	29.95	29.88	29.90	29.88	29.92	29.94	30.00	30.04	30.02	30.05	29.97
	SD	.264	.279	.268	.223	.166	.143	.118	.128	.168	.195	.244	.238	.218
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
0700	MEAN	30.04	30.05	29.98	29.91	29.93	29.92	29.95	29.97	30.03	30.07	30.04	30.07	30.00
	SD	.265	.283	.275	.231	.166	.146	.120	.129	.171	.199	.248	.242	.221
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
1000	MEAN	30.07	30.07	29.99	29.91	29.93	29.92	29.96	29.98	30.04	30.08	30.05	30.10	30.01
	SD	.271	.292	.283	.232	.166	.148	.121	.129	.170	.206	.248	.242	.226
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1300	MEAN	30.00	30.02	29.95	29.87	29.90	29.89	29.93	29.95	30.01	30.04	30.00	30.04	29.97
	SD	.272	.289	.273	.224	.165	.145	.121	.126	.166	.206	.246	.241	.221
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1600	MEAN	29.99	29.99	29.91	29.83	29.87	29.86	29.90	29.92	29.97	30.01	29.98	30.02	29.94
	SD	.273	.278	.260	.216	.160	.143	.123	.125	.163	.203	.239	.241	.218
	TOT OBS	310	282	310	298	310	299	310	310	300	310	300	310	3649
1900	MEAN	30.02	30.02	29.93	29.85	29.88	29.86	29.90	29.92	29.98	30.04	30.01	30.05	29.95
	SD	.272	.271	.253	.208	.153	.136	.119	.123	.158	.200	.239	.243	.217
	TOT OBS	310	281	310	299	310	300	310	310	300	310	300	310	3650
2200	MEAN	30.03	30.03	29.96	29.88	29.91	29.90	29.93	29.95	30.01	30.06	30.02	30.06	29.98
	SD	.269	.268	.256	.209	.159	.135	.117	.123	.158	.197	.242	.244	.214
	TOT OBS	310	281	310	300	309	300	310	310	300	310	300	310	3650
ALL HOURS	MEAN	30.02	30.03	29.95	29.88	29.90	29.89	29.93	29.95	30.01	30.05	30.02	30.06	29.97
	SD	.270	.280	.268	.221	.164	.144	.121	.128	.166	.201	.245	.242	.220
	TOT OBS	2478	2254	2480	2397	2479	2399	2480	2480	2400	2480	2400	2477	29204

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930	.1			930
CATEGORY B	.6			997	.7			990	.5			1045	1.1	.1		1000

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.3			930	.3			930				930				930
CATEGORY B	3.2			1023	2.2			1009	.3			998	.7			982

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.2			4650	.1			7440
CATEGORY B	1.5	.0		5075	1.2	.0		8044

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				846				846				846	.5			846
CATEGORY B	1.0	.2		911	1.4	.1		916	1.6			927	2.7	.3		932

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.6			846	.5			846	.1			844	.5			843
CATEGORY B	2.8	.2		929	3.4	.1		935	1.4			924	1.1	.1		935

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.3			4228	.3			6763
CATEGORY B	2.4	.1		4647	1.9	.1		7409

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.4	.1		930	.2			930	.1			930	.4			930
CATEGORY B	2.2	.3		969	1.9	.1		989	1.7	.1		985	6.8	.2		988

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.9			930	.9			930	.2			930	.1			930
CATEGORY B	10.0	1.3	.1	986	7.0	.7	.1	989	2.3	.1		972	1.4	.1		980

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.5			4650	.4	.0		7440
CATEGORY B	5.6	.5	.0	4920	4.2	.4	.0	7858

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: APR

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) 0000 - 0200 0300 - 0500 0600 - 0800 0900 - 1100
SPEED (KTS) GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS
CATEGORY A 900 .1 900 .1 900 .3 900
CATEGORY B 1.5 947 1.2 .1 969 1.6 .1 979 5.1 .5 961
.....

.....
TIME (LST) 1200 - 1400 1500 - 1700 1800 - 2000 2100 - 2300
SPEED (KTS) GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS
CATEGORY A .4 900 1.2 900 900 900
CATEGORY B 8.1 .4 944 7.6 1.5 .1 952 2.2 946 1.6 .2 953
.....

.....
TIME (LST) 0600 - 2000 ALL HOURS
SPEED KTS GE12 GE20 GE30 OBS GE12 GE20 GE30 OBS
CATEGORY A .4 4500 .3 7200
CATEGORY B 4.9 .5 .0 4782 3.6 .4 .0 7651
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			995				1035				1034	.9			980

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	2.2			976	1.6			1005	.4			1021	.3	.1	.1	993

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				4650				7440
CATEGORY B		1.0		5016	.7	.0	.0	8039

G - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUN

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1			900				900				900	.1			900
CATEGORY B	.1			935				982	.1			960	.2			931

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1			900				900				900				900
CATEGORY B	1.4	.1		970	2.2	.2	.1	983	.3			961				940

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.0			4500	.0			7200
CATEGORY B	.9	.1	.0	4805	.6	.0	.0	7662

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT. BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			958	.2			1010	.1			1008	.2			982

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930	.1	.1		930	.1			930
CATEGORY B	.5			975	.9			999	.8	.3	.2	1016	.2			954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.0	.0		4650	.0	.0		7440
CATEGORY B	.5	.1	.0	4980	.4	.0	.0	7902

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B				966	.2			1008	.1			998	.4			986

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930	.1			930				930
CATEGORY B	.5			981	.4	.1		984	.5	.1		986				963

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.0			4650	.0			7440
CATEGORY B	.4	.0		4935	.3	.0		7872

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100				
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	
CATEGORY A				900				900				900				900	
CATEGORY B				963				1007				.1				983	.5

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B	1.4			950	.4			964				943				942

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				4500				7200
CATEGORY B	.5			4795	.3			7707

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1			930	.1			930				930	.1			930
CATEGORY B	.2			972	.1			971	.1			993	.9			976

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930	.1			930				930				930
CATEGORY B	1.6			955	.4			958	.4	.1		967	.2			969

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.0			4650	.1			7440
CATEGORY B	.7	.0		4849	.5	.0		7761

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037 STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1			900	.3			900				900	.4			900
CATEGORY B	.5			964	.9	.2		965	1.0	.1		993	2.7	.3		979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.4			900	.6			900				900				900
CATEGORY B	3.7	.5	.1	954	2.6	.2		950	1.0	.1		959	.5			946

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.3			4500	.2			7200
CATEGORY B	2.2	.2	.0	4835	1.6	.2	.0	7710

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A				930				930				930	.1			930
CATEGORY B	1.9			972	.8	.1		975	1.0			998	3.0			973

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.2			930	.2			930	.1			930	.3			930
CATEGORY B	3.8	.5		981	2.6	.2		976	1.5	.2		978	1.5	.3		970

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	2.4	.2		4906	2.0	.2		7823

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: MAR 80 - FEB 90
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.1	.0		10956	.1			10956	.0			10956	.2			10956
CATEGORY B	.7	.0		11549	.6	.1		11817	.7	.0		11903	2.0	.1		11643

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.2			10956	.3			10956	.1	.0		10954	.1			10953
CATEGORY B	3.3	.3	.0	11624	2.6	.2	.0	11704	.9	.1	.0	11671	.6	.1	.0	11527

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE12	GE20	GE30	OBS	GE12	GE20	GE30	OBS
CATEGORY A	.2	.0		54778	.1	.0		87643
CATEGORY B	1.9	.1	.0	58545	1.4	.1	.0	93438

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAA.A	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: JAN 58 - FEB 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1958	1039	983	785	322	97	12			51	241	516	1064	5110
1959	998	769	652	266	92	20			37	243	586	775	4438
1960	861	804	984	245	139	1			19	267	559	1106	4985
1961	1156	735	577	473	183	15			33	259	512	956	4899
1962	978	830	717	381	80				91	213	621	1015	4926
1963	1080	961	563	304	140	10		2	91	224	530	1108	5013
1964	943	895	607	384	88	27		2	47	386	497	768	4644
1965	986	787	734	392	30	38		8	37	334	562	803	4711
1966	1038	840	637	488	167	29			90	397	597	964	5247
1967	848	931	715	****	287	22			46	233	577	797	4451
1968	1085	914	530	277	114				4	205	480	884	4493
1969	958	785	720	240	69				34	244	539	919	4508
1970	1138	800	743	321	79				26	147	466	794	4514
1971	1073	744	698	373	115	4			23	120	565	626	4341
1972	862	859	640	362	98	39	2		30	349	593	679	4513
1973	878	830	420	294	138				22	260	527	****	3369
1974	766	796	538	267	123	9			44	332	535	****	3410
1975	****	741	663	401	48	1			34	166	401	812	3267
1976	985	580	506	311	132	16		8	58	406	736	961	4699
1977	1280	785	361	180	35	26		2	5	331	473	905	4383
1978	1069	1015	693	314	128	8			32	264	423	724	4670
1979	931	1087	512	317	86	22		3	28	326	434	729	4475
1980	879	898	625	216	70	34			24	300	622	897	4565
1981	1096	713	714	258	186	9			45	352	533	874	4780
1982	1119	769	634	373	51	9		8	34	265	458	634	4354
1983	888	770	540	372	135	7			86	240	516	986	4540

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1984	1115	667	677	302	160	4	2		84	97	563	594	4265
1985	1035	749	531	206	70	11			39	157	291	851	3940
1986	905	787	526	280	84	5		14	27	198	506	806	4138
1987	1007	848	601	287	71				18	418	471	752	4473
1988	1055	793	560	351	89	37	5		46	437	530	788	4691
1989	776	749	565	395	68				37	165	509	1184	4448
1990	728	535											1263
.....													
MEAN	986	810	624	321	107	12	0	1	41	268	522	858	
SD	125.12	112.63	117.09	72.75	52.18	12.68	.99	3.31	23.75	89.47	78.46	148.64	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724037

STATION NAME: FT BELVOIR/DAVISON AFB VA
LST TO UTC: + 5

PERIOD OF RECORD: JAN 58 - FEB 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1958				21	48	164	399	289	108	15			1044
1959				30	153	263	375	410	232	97	4		1564
1960				61	46	217	315	382	156	11			1188
1961			5	15	34	189	348	315	265	4	19		1194
1962			2	35	135	208	246	285	108	26			1045
1963				24	40	187	327	259	80	2			919
1964				10	99	239	335	251	119				1053
1965				7	120	195	307	299	182	4			1114
1966				5	57	218	345	301	92		2		1020
1967				****	7	196	298	325	119	29	4		978
1968				4	39	246	415	424	158	41			1327
1969				28	100	333	438	327	169	31	2		1428
1970				10	137	250	389	358	263	40			1447
1971					38	300	357	303	223	42	20	1	1284
1972			1	8	43	148	368	314	148	7	1		1038
1973			3	21	58	312	368	363	162	17		****	1304
1974			8	32	69	134	338	332	131	10	14	****	1068
1975	****			4	134	285	394	442	114	27	7		1407
1976		4		48	52	286	339	276	61	3			1069
1977			25	59	113	159	367	342	229	17	9		1320
1978			1	1	73	229	298	410	191	16			1219
1979			11	6	71	148	345	351	124	20	2		1078
1980			1	1	92	150	405	415	247	13			1324
1981				14	41	227	375	264	132	10			1063
1982				6	121	192	395	274	139	33	6	3	1169
1983				13	56	245	421	434	196	25			1390

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1984			4	84	347	312	313	103	50		1213	
1985		2	8	45	94	191	397	319	194	34	11	1295
1986			2	2	120	290	455	328	207	63	4	1471
1987				12	119	307	486	370	156		2	1452
1988			3	2	76	245	436	411	90	4		1267
1989			11	12	141	426	479	447	246	42	5	1809
.....												
MEAN		0	2	17	81	235	371	341	160	22	3	0
SD		.77	5.22	17.19	38.93	67.10	54.96	57.85	56.82	21.28	5.51	.57

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A W S CLIMATIC BRIEF JAN 91	STATION NAME: FT BELVOIR/DAVISON AAF VA												FIELD ELEV: 69 FT	
	LATITUDE/LONGITUDE: 38 43 N 077 11 W												STATION MSC: 724037	
	HOURLY OBS POR: MAR 80 - FEB 90												CALL SIGN: KDA	
	SUMMARY OF DAY POR: FEB 57-FEB 90												SUPERSEDES: SEP 85	
	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: +05													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	74	76	86	96	97	100	104	105	100	92	85	77	105	34
MEAN MAX TEMP (F)	42	45	55	66	75	83	86	85	79	68	57	46	66	34
MEAN TEMP (F)	33	36	45	55	64	72	77	76	69	57	47	37	56	34
MEAN MIN TEMP (F)	24	26	34	43	52	61	66	65	58	45	37	28	45	34
EXTRM MIN TEMP (F)	-10	-2	-2	19	29	38	45	44	35	24	15	-4	-10	34
D/W TEMP GE 90 (F)	0	0	0	1	1	5	10	7	2	1	0	0	27	34
D/W TEMP GE 80 (F)	0	0	1	4	10	20	27	26	14	3	1	0	106	34
D/W TEMP LT 33 (F)	25	21	15	4	1	0	0	0	0	3	12	22	103	34
D/W TEMP LT 10 (F)	3	1	1	0	0	0	0	0	0	0	0	1	6	34
HEATING DEGREE DAYS	986	810	624	321	107	12	#	1	41	268	522	858	4550	33
COOLING DEGREE DAYS	0	#	2	17	81	235	371	341	160	22	3	#	1232	33
MEAN DEWPOINT TEMP (F)	19	24	29	39	52	61	65	65	58	46	35	24	43	10
MEAN WET BULB TEMP (F)	28	33	39	47	57	65	69	68	62	51	42	33	50	10
99.95% WCPA (FT)	750	750	800	700	500	450	350	350	450	500	650	600	650	10
MEAN REL HUM 07 LST(%)	66.6	70.4	68.8	71.6	77.5	76.6	77.9	81.8	83.8	80.5	73.4	68.3	74.8	10
MEAN REL HUM 17 LST(%)	49.0	51.3	46.3	46.2	52.1	53.5	54.0	56.5	54.9	53.8	51.0	51.2	51.7	10
MAX 24HR PRECIP (IN)	1.74	1.96	2.66	2.69	2.58	9.10	3.32	4.25	4.57	3.17	3.06	2.89	9.10	34
MAX PRECIP (IN)	8.77	6.55	6.71	8.73	9.42	16.15	8.65	8.79	13.36	8.00	7.34	7.34	61.80	34
MEAN PRECIP (IN)	2.92	2.90	3.56	3.20	3.82	3.61	3.77	4.20	3.72	3.31	3.29	3.38	42.03	34
MIN PRECIP (IN)	.41	.42	.73	.18	.90	.75	.74	.29	.83	.05	.39	.35	29.86	34
D/W PRECIP GE .01 (IN)	10	9	10	10	11	10	10	10	8	8	9	9	114	34
D/W PRECIP GT .50 (IN)	2	2	3	2	2	2	2	3	2	2	2	3	27	34
MAX 24HR SNFL (IN)	18.7	18.2	12.8	2.0	0	0	0	0	0	2.8	10.8	12.6	18.7	34
MAX SNFL (IN)	35.0	24.3	26.2	2.0	0	0	0	0	0	2.8	10.8	24.8	67.8	34
MEAN SNFL (IN)	6.1	7.1	3.7	.1	0	0	0	0	0	.1	1.0	3.7	22.7	34
D/W SNFL GE .1 (IN)	3	3	1	1	0	0	0	0	0	#	1	2	11	34
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	#	1	1	5	34
MAX DLY SNO DEPTH (IN)	24	22	9	1	0	0	0	0	0	0	11	13	24	34
PRVING WND DIR (DEG)	\$32-34	\$32-34	\$32-34	\$32-34	\$14-16	\$14-16	\$14-16	\$14-16	\$32-34	\$32-34	\$32-34	\$32-34	\$32-34	10
MEAN WND SPD (KTS)	3	4	4	4	3	2	2	2	2	2	3	3	3	10
MAX WND SPD (KTS)	67	56	51	63	58	51	62	48	55	39	46	53	67	34
SKY COVER GT 5/10 (%)	59.0	60.4	55.9	57.3	57.8	53.8	52.0	51.1	49.6	50.0	54.8	57.8	54.9	10
D/W THUNDERSTORMS	1	1	1	3	5	7	8	6	2	1	1	#	36	34
D/W FOG (VSBY LT 7 MI)	12	12	12	12	19	18	20	21	20	18	15	14	193	34
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.1	22.3	17.2	15.7	15.8	9.0	6.3	10.0	15.6	17.3	17.3	14.3	14.7	10
	03 - 05	17.6	23.4	17.6	18.1	23.0	16.7	13.7	18.7	22.7	20.6	17.7	15.8	18.8	10
	06 - 08	18.5	24.8	19.2	20.3	23.0	15.6	15.5	19.5	25.9	23.3	23.7	17.2	20.5	10
	09 - 11	18.1	21.2	17.5	17.9	18.5	8.9	9.5	11.2	16.1	16.2	19.1	17.8	16.0	10
	12 - 14	16.6	17.5	16.3	15.4	15.3	6.4	6.2	6.1	11.1	13.3	15.3	16.5	13.0	10
	15 - 17	15.6	17.5	16.1	12.9	13.3	6.0	4.6	5.3	9.1	12.2	13.9	13.9	11.7	10
	18 - 20	15.8	17.7	17.3	11.8	11.6	6.3	4.8	5.1	8.1	12.7	15.4	14.5	11.8	10
	21 - 23	16.0	20.8	16.9	13.4	11.2	6.4	5.3	7.3	9.8	13.4	14.9	14.2	12.5	10
	ALL	16.8	20.6	17.3	15.7	16.5	9.4	8.2	10.4	14.8	16.1	17.2	15.5	14.8	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.3	17.7	13.1	12.1	12.5	7.0	5.5	7.4	10.7	13.9	12.4	11.5	11.4	10
	03 - 05	13.0	17.5	13.0	13.7	19.4	15.3	11.2	16.1	18.1	18.4	13.7	12.3	15.1	10
	06 - 08	15.5	18.8	14.7	16.0	19.2	13.8	12.9	16.9	21.3	19.9	19.3	14.7	16.9	10
	09 - 11	16.1	17.7	13.5	12.9	13.7	5.9	5.2	7.7	11.1	12.4	14.7	14.0	12.1	10
	12 - 14	14.8	13.1	11.1	9.1	9.4	2.8	2.4	2.4	6.4	9.9	10.9	12.8	8.8	10
	15 - 17	13.1	11.7	11.0	9.1	7.2	2.7	2.0	2.8	4.9	8.4	10.3	10.9	7.8	10
	18 - 20	13.5	12.8	10.6	7.4	7.4	3.3	3.0	2.8	4.4	8.5	11.2	10.8	8.0	10
	21 - 23	12.6	16.1	12.0	10.0	8.3	4.7	3.3	4.7	5.4	10.3	11.6	10.3	9.1	10
	ALL	14.0	15.7	12.4	11.3	12.1	6.9	5.7	7.6	10.3	12.7	13.0	12.2	11.1	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.0	14.8	10.6	7.1	7.6	3.4	2.9	2.7	5.2	9.5	8.3	8.4	7.5	10
	03 - 05	10.1	14.9	10.6	9.4	12.9	8.0	4.1	6.9	8.7	14.0	8.9	9.4	9.8	10
	06 - 08	10.9	15.7	11.8	12.2	12.7	8.4	5.7	8.2	12.0	15.2	12.9	12.6	11.5	10
	09 - 11	12.5	13.7	10.1	9.3	7.6	3.7	1.5	3.1	6.3	8.0	12.2	12.0	8.3	10
	12 - 14	11.5	9.7	8.4	6.3	4.7	1.6	.8	1.1	2.6	5.1	8.7	10.1	5.9	10
	15 - 17	9.9	8.5	8.1	5.6	4.7	.8	1.0	1.2	1.4	4.8	8.7	8.8	5.3	10
	18 - 20	9.8	9.7	8.6	4.9	5.3	1.2	1.3	1.3	1.6	5.2	8.2	9.5	5.5	10
	21 - 23	10.0	12.6	8.4	5.8	5.3	1.9	1.8	1.7	2.3	7.6	8.3	8.4	6.2	10
	ALL	10.6	12.5	9.6	7.6	7.6	3.6	2.4	3.3	5.0	8.7	9.5	9.9	7.5	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.1	3.2	.6	.8	.9	.4	.1	.0	.4	1.1	.9	2.2	1.0	10
	03 - 05	1.4	3.4	.8	1.1	2.0	.3	.3	.5	1.9	2.8	1.7	2.0	1.5	10
	06 - 08	1.1	3.2	1.6	1.1	1.8	.3	.2	.2	1.9	3.9	2.1	2.5	1.7	10
	09 - 11	2.3	2.2	.6	.2	.2	.0	.0	.0	.1	.2	1.0	1.0	.6	10
	12 - 14	1.5	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.3	.4	.3	10
	15 - 17	1.3	.7	.0	.2	.1	.0	.1	.1	.0	.0	.1	.3	.2	10
	18 - 20	1.4	1.2	.1	.2	.0	.0	.0	.1	.0	.2	.7	1.8	.5	10
	21 - 23	2.0	1.9	.3	.4	.0	.2	.0	.0	.0	.6	.7	1.9	.7	10
	ALL	1.5	2.1	.6	.5	.6	.2	.1	.1	.5	1.1	.9	1.5	.8	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @															